

CURRICULUM VITAE

Mary Lynell Chamberlain, M.D.

PERSONAL DATA:

HOME ADDRESS: 22514 Souder Hill Road
Borden, IN 42106

BUSINESS ADDRESS: Kentuckiana Pulmonary Associates
100 W. Market Street Suite #2
Louisville, KY 40202

BIRTHPLACE: Glasgow, KY

MARITAL STATUS: Single

EDUCATION:

8/73-12/75 Kentucky Wesleyan College, Owensboro, KY

1977 B.S.(Chemistry and Biology), Trevecca , Nashville, TN

1979 M.S.(Biology), Western Kentucky University, Bowling Green, KY
Thesis: Ultrastructural development of the androgenic gland in the
juvenile crayfish

1983 M.D., University of Louisville, Louisville, KY

POSTGRADUATE TRAINING:

4/1/83-3/31/84 Straight Internal Medicine Internship, University of Louisville Affiliated
Hospitals, Louisville, KY

4/1/84-3/31/85 Junior Resident, Internal Medicine, University of Louisville Affiliated
Hospitals, Louisville, KY

POSTGRADUATE TRAINING, Cont:

4/1/85-6/30/86 Senior Resident, Internal Medicine, University of Louisville Affiliated
Hospitals, Louisville, KY

7/1/86-6/30/88 Fellowship in Pulmonary Medicine, University of Louisville Affiliated Hospitals, Louisville, KY

ACADEMIC POSITION:

7/1/88-6/30/98 Assistant Professor of Medicine, Department of Internal Medicine, University of Louisville, Louisville, KY

7/1/98-6/30/00 Associate Professor of Medicine, Department of Internal Medicine, University of Louisville, Louisville, KY

MEDICAL LICENSURE:

Kentucky 23296
Indiana 01050342

BOARD CERTIFICATION:

1984 Diplomate, National Board of Medical Examiners
1986 Diplomate, American Board of Internal Medicine
1988 Diplomate, Subspecialty Board in Pulmonary Medicine
1993 Diplomate, Subspecialty Board in Critical Care Medicine

PROFESSIONAL AND SCIENTIFIC SOCIETIES:

Member, American College of Physicians
Fellow, American College of Chest Physicians
Member, Jefferson County Medical Society
Member, American Thoracic Society
Member, Kentucky Medical Association
Member, American Lung Association of Kentucky
Member, Kentucky Thoracic Society

EDITORIAL BOARDS, ADVISORY COUNCILS, AND COMMITTEES:

7/1/88-6/30/98 Member, Advisory Committee, School of Respiratory Therapy, University of Louisville

1/1/89	Editorial Advisory Panel, IM - Internal Medicine for the Specialist
6/1/89-12/31/89	Member, Diversion Committee, Humana Hospital/University of Louisville
7/1/89	Member, Special Care Units Committee Humana Hospital/University of Louisville
7/1/89	Member, Research Committee, Department of Internal Medicine, University of Louisville
10/1/90	Member, Quality Assurance Committee, Cardiopulmonary Services, Humana Hospital/University of Louisville
1/1/91-12/30/91	Member, Research Committee, American Lung Association of Kentucky
3/22/91-3/19/94	Member, Executive Committee, Kentucky Thoracic Society
7/1/91-6/30/92	Member, Media Relations Committee, Jefferson County Medical Society
1/1/92-11/5/98	Member, Future Cures Task Force, American Lung Association of Kentucky
1/1/92-11/5/98	Member, Research Subcommittee, Future Cures Task Force, ALA of Kentucky
3/22/92-3/20/93	President-Elect, Kentucky Thoracic Society
3/22/92-3/20/93	Chairperson, Program Committee (ex officio), Kentucky Thoracic Society
3/20/93-3/19/94	President, Kentucky Thoracic Society
3/20/93-3/19/94	Member, Board of Directors (ex officio), American Lung Association of Kentucky
3/20/93-Present	Member, Program Committee, Kentucky Thoracic Society

EDITORIAL BOARDS, ADVISORY COUNCILS, AND COMMITTEES, Cont.:

3/20/94-Present	Member, Board of Directors, American Lung Association of Kentucky
6/1/95-10/30/99	Member, Kentucky Board of Respiratory Care
7/1/98-Present	Member, PAT Committee, Department of Medicine, University of Louisville
1/1/97-Present	Medical Advisor, Kentucky Society of Respiratory Care
1/1/98-6/30/98	Chair, Internal Review Committee, Internal Medicine Training Program, University of Louisville
9/1/98-12/31/98	Member, Chairman Review Committee for Department of Pathology, University of Louisville
10/1/98-Present	Member, EEC Committee, Internal Medicine Training Program, University of Louisville
11/6/98-Present	Chair, TB Today and Better Breathers, American Lung Association of Kentucky
11/6/98-Present	Member, Executive Committee, American Lung Association of Kentucky
4/1/99-6/30/99	Member, Internal Review Committee, Emergency Medicine Training Program, University of Louisville
7/1/99-7/1/00	Member, Clinical Affairs Committee, Jewish Hospital
7/1/99-7/1/00	Member, Research Committee, Jewish Heart and Lung Institute
2/1/00-3/31/03	Member, Internal Review Committee, Internal Medicine Training Program, University of Louisville
5/1/00-3/31/03	Member, Ventilator Associated Pneumonia Committee, University of Louisville Hospital
3/1/00-3/31/03	Chair, Internal Review Committee, Division of Respiratory, Critical Care and Environmental Medicine, University of Louisville
1/1/10-Present	Medical Director, School of Respiratory, Ivy Tech, Sellersberg, IN
12/1/09-Present	Chairman of Medicine, Clark Memorial Hospital

01/1/10-Present Co-Director, Respiratory Therapy, Clark Memorial Hospital

ADMINISTRATIVE RESPONSIBILITIES:

1980 Director, Greater Louisville Organization for Health Clinic

7/1/88-6/30/98 Medical Director, School of Respiratory Therapy, University of Louisville, Louisville, KY

1/1/89-12/31/94 Medical Director, Medical Intensive Care Unit, University of Louisville Hospital, Louisville, KY

8/1/90-3/31/03 Medical Director, Department of Respiratory Therapy, University of Louisville Hospital

6/26/94-3/31/03 Medical Director, Respiratory Therapy, V. A. Hospital, Louisville, KY

1/1/95-9/30/95 Medical Director, Medical Intensive Care Unit, V. A. Hospital Louisville, KY

7/1/82-Present Consultant, Kentucky Tuberculosis Network

1/1/98-9/1/98 Acting Chief, Pulmonary Service, V.A. Hospital, Louisville, KY

9/1/98-Present Director of Training Program, Division of Respiratory, Critical Care and Environmental Medicine, University of Louisville

4/1/99-Present Member, Board of Directors, University Medical Associates, PSC

7/1/99-Present Acting Chief, Division of Respiratory, Critical Care and Environmental Medicine, University of Louisville

AWARDS:

1978 Admitted, Member Beta Beta Honor Biological Society

1986/87 Fellow Award for Teaching Excellence, University of Louisville

1987 Admitted, Alpha Omega Alpha, Medical Honor Society

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11/13/87 Award-winning Associates Paper presented to the Regional American College of Physicians: "Dissecting aortic aneurysm masquerading as pulmonary embolus"

BIBLIOGRAPHY

Peer-Reviewed Publications

1. Roy, T.M., **Collins, L.C.**, Snider, H.L. and Anderson, W.H.: Cigarette smoking and federal black lung benefits in bituminous coal miners. *J. Occup. Med.* 31: 31:98-101, 1989.
2. Walker, J., **Collins, L.C.**, Nannini, L. and Stamford, B.A.: Potentiating effects of cigarette smoking and moderate exercise on the thermic effect of a meal. *Int. J. Obes.* 16:341-347, 1992.
3. Anderson, K.C., Roy, T.M., Fields, C.L. and **Collins, L.C.**: Juvenile laryngeal papillomatosis: a new complication. *South. Med. J.* 86:447-449, 1993.
4. Walker, J.F., **Collins, L.C.**, Vogel, R.L. and Stamford, B.A.: Body fatness and smoking history predict the thermic effect of smoking in fasted men. *Int. J. Obes. Relat. Metab. Disord.* 17:205-208, 1993.
- *5. **Collins, L.C.**, Willing, S., Bretz, R., Harty, M., Lane, E., and Anderson, W.H.: High resolution CT in simple coal workers' pneumoconiosis. Lack of correlation with pulmonary function tests and arterial blood gas values. *Chest* 102:1156-1162, 1993.
6. **Collins, L.C.** and Peiris, A.: Bronchospasm secondary to replacement estrogen therapy. *Chest* 104:1300-1302, 1993.
7. **Collins, L.C.**, Cornelius, M.F., Vogel, R.L., Walker, J.F. and Stamford, B.A.: Effect of caffeine and/or cigarette smoking on resting energy expenditure. *Int. J. Obes. Relat. Metab. Disord.* 18:551-556, 1994.
8. **Collins, L.C.**, Highboard, P.D., Walker, J., Fletcher, E. and Peiris, A.N.: The effect of body fat distribution on pulmonary function tests. *Chest* 107:1298-1302, 1995.
- *9. **Collins, L.C.**, Walker, J. and Stamford, B.A.: Smoking multiple high-versus low-nicotine cigarettes: Impact on resting energy expenditure. *Metabolism Clin. & Exp.* 45:923-926, 1996.
- *10. **Collins, L.C.**, Roberts, A.M., Robinson, T.W. and Joshua, I.G.: Direct effects of meconium on rat tracheal smooth muscle tension *in vitro*. *Ped. Res.* 40:587-591, 1996.

Peer Reviewed Publications, Cont.

- *11. **Collins, L.C.** and Roberts, A.M.: Effects of platelet-activating factor on arteriolar and venular tone in rat trachea. *Microvasc. Res.* 53:63-72, 1997.
12. Yu, J., Zhang, J.F., Roberts, A.M., **Collins, L.C.**, and Fletcher, E.C.: Pulmonary rapidly adapting receptor stimulation does not increase airway resistance in anesthetized rabbits. *Am J Respir Crit Care Med* 160:1-7, 1999.
13. Walker, J.F., **Collins, L.C.**, and Rowell, P.P., Goldsmith, L.J., Moffatt, R.J., and Stamford, B.A.: The effect of smoking on energy expenditure and plasma catecholamine and nicotine levels during light physical activity. *Nicotine and Tobacco Research* 1:365-370, 1999.

Non-Peer Reviewed Publications

1. **Collins, L.C.**: Transformational effect on cytoskeleton and cell surface antigens. *Western Kentucky University Student Honors Research Bulletin.* 81:31-39, 1980.
2. **Collins, L.C.**: Respiratory failure secondary to Eaton-Lambert syndrome. *J. Ky. Med. Assoc.* 84:665-666, 1986.

ABSTRACTS:

1. Roy, T.M., Snider, H.L., Anderson, W.H. and **Collins, L.C.**: Black lung benefits reward the cigarette smoking coal miner. *Am. Rev. Respir. Dis.* 137(4):96A, 1988.
2. Roy, T.M., Dow, F.T., Snider, H.L., Ossorio, M.A., **Collins, L.C.**, Fields, C.L. and Anderson, W.H.: The contribution of arterial blood gas analysis to the disability determination of the bituminous coal miner with simple pneumoconiosis. *Am. Rev. Respir. Dis.* 139(4):548A, 1989.
3. Roy, T.M., Dao, D.A., Lee, P.W., **Collins, L.C.** and Snider, H.L.: Symptomatic expansion of the intracranial tuberculoma during treatment. *Am. Rev. Respir. Dis.* 141(4):A444, 1990.
4. Roy, T.M., Joyce, B.W., **Collins, L.C.**, Fields, C.L., Ossorio, M.A., Snider, H.L.: Succinylcholine and death in Guillain-Barre syndrome. *Am. Rev. Respir. Dis.* 141(4):774, 1990.
5. **Collins, L.C.**, Willing, S.W., Bretz, R., Anderson, W.H., Harty, M. and Lane, E.: High resolution computerized tomography of the lungs in coal workers' pneumoconiosis. *Chest* 98(2):69S, 1990.
6. **Collins, L.C.**, Harty, M., Snider, H.L.: Improved detection of intrathoracic lipomas using computerized tomography. *Chest* 98(2):141S, 1990.
7. **Collins, L.C.**, Walker, J.W. and Stamford, B.: The thermic effect of nicotine in fasted, rested men. *Chest* 100(2):4S, 1991.
8. Roy, T.M., **Collins, L.C.**, Snider, H.L. and Anderson, W.H.: Cigarette smoking and federal black lung benefits in bituminous coal miners. *Respiratory Digest* 3:22, 1990.
9. **Collins, L.C.**, Nannini, L., Walker, J. and Stamford, B.: The acute effects of smoking, exercise and caffeine on fasted and postprandial energy expenditure. *Chest* 100(2):97S, 1991.
10. **Collins, L.C.**, Hoberty, P.H., Walker, J.W. and Peiris, A.: The effect of body fat distribution on pulmonary function tests. *Am. Rev. Respir. Dis.* 147:A967, 1993.
11. **Collins, L.C.**, Roberts, A.M., Joshua, I.G. and Robinson, T.: Effects of meconium on tracheal smooth muscle tension in vitro. *FASEB J.* 8(5):A685, 1994.
12. **Collins, L.C.**, Walker, J.F. and Stamford, B.A.: The effect of body fat on the pharmacodynamics of cigarette smoking. *Clin. Res.* 42(3):431A, 1994.

ABSTRACTS, Cont.:

13. **Collins, L.C.**, Walker, J.F. and Stamford, B.A.: Is the blunted thermic effect of smoking in overweight men coupled with reduced serum nicotine levels? *Am. J. Resp. Crit. Care Med.* 151(4):688A, 1995.
14. **Collins, L.C.**, Walker, J.F. and Stamford, B.A.: The effect of exercise on cigarette-induced thermogenesis. *Am. J. Resp. Crit. Care Med.* 153(4, Part 2):A102, 1996.
15. Yu, J., Zhang, J.F., Roberts, A.M., **Collins, L.** and Fletcher, E.C.: Effects of activation of airway rapidly adapting receptors (RARs) on airway resistance in the rabbit. *Am. J. Resp. Crit. Care Med.* 153(4,Part 2):A846, 1996.
16. **Collins, L.C.** and Roberts, A.M.: Platelet-activating factor has different effects on tone of arterioles and venules in rat trachea. *FASEB J.* 10(3):A111, 1996.

SCIENTIFIC PROGRAMS - PROGRAM PARTICIPANT AND PRESENTATION:

International:

- 10/23/90 "High Resolution Computerized Tomography of the Lungs in Coalworkers' Pneumoconiosis" **Collins LC**, Willing SW, Bretz R, Lane E, Harty M and Anderson WH. 56th Annual Scientific Assembly, American College of Chest Physicians Poster Presentation, Toronto, Ontario, Canada.
- 10/25/90 "Improved Detection of Intrathoracic Lipomas Using computerized Tomography", **Collins LC**, Harty M and Snider HL. 56th Annual Scientific Assembly, American College of Chest Physicians, Poster Presentation, Toronto, Ontario, Canada.

National:

- 5/20/88 "Cigarette Smoking and Federal Black Lung Benefits" Roy TM, Snider HL, Anderson WH, and **Collins LC**. 84th Annual Scientific Meeting, American Thoracic Society, Poster Presentation. Las Vegas, NV
- 5/24/90 "Succinylcholine and Death in Guillain-Barre Syndrome" Roy TM, Joyce BW, **Collins LC**, Fields CL, Ossorio MA, and Snider HL. American Thoracic Society, Poster Presentation, 1990 World Conference on Lung Health. Boston, MA
- 5/24/90 "Symptomatic Expansion of Intracranial Tuberculoma During Treatment Associated with Cessation of Ethambutol". Roy TM*, Dao DA, Lee PW, **Collins LC** and Snider HL. American Thoracic Society, Poster Presentation, 1990 World Conference on Lung Health, Boston, MA
- 11/5/91 "The Thermic Effect of Nicotine in Fasted, Rested Men". **Collins LC**, Walker J and Stamford B. 57th Annual Scientific Assembly, Slide Presentation, San Francisco, CA
- 11/6/91 "The Acute Effect of Smoking, Exercise and Caffeine on Energy Expenditure in the Fasted and Postprandial State". **Collins LC**, Nanini LA, Walker J and Stamford, B. 57th Annual Scientific Assembly, Poster Presentation, San Francisco, CA

SCIENTIFIC PROGRAMS - PROGRAM PARTICIPANT AND PRESENTATION:

National, Cont:

- 5/19/93 "The Effect of Body Fat Distribution on Pulmonary Function Tests", **Collins LC***, Hoberty P, Walker J and Peiris A. 1993 International Conference. Poster Presentation, American Thoracic Society, San Francisco, CA
- 4/9/94 "Chemical Stimulation of Cardiac Afferents Reflexively Alters Arteriolar Tone in Striated Muscle" Roberts AM, **Collins LC*** and Joshua IG. Poster Presentation. Coleridge Symposium on Cardiopulmonary Reflex Control. Davis, CA
- 4/27/94 "Effects of Meconium on Tracheal Smooth Muscle Tension in vitro", **Collins LC***, Roberts AM, Joshua IG and Robinson T., Poster Presentation, Experimental Biology 1994, Anaheim, CA
- 4/14/96 "Platelet-activating Factor Has Different Effects on Tone of Arterioles and Venules in Rat Trachea", **Collins LC*** and Roberts AM. Poster Presentation. Experimental Biology 1996, Washington, DC
- 5/12/96 "The Effect of Exercise on Cigarette-induced Thermogenesis", **Collins LC***, Walker JF and Stamford BA. Poster Presentation. American Thoracic Society, New Orleans, Louisiana

*Presenting Author

Local:

- 11/13/87 "Dissecting Aortic Aneurysm Masquerading as Pulmonary Embolus" Regional Meeting, American College of Physicians, Louisville, KY
- 5/12/88 "Cigarette Smoking and Federal Black Lung Benefits" Research Day, Department of Medicine, University of Louisville
- 12/1/88 "QRS or not QRS? Tricyclic Antidepressant Overdose" Medical Grand Rounds, University of Louisville
- 3/17-18/89 "Black Lung Benefits Reward the Cigarette-Smoking Coal Miner" **Collins LC***, Roy TM, Dow F, Ossorio MA and Fields CL. 34th Annual Scientific Conference, Kentucky Thoracic Society. Poster Presentation. Louisville, KY

SCIENTIFIC PROGRAMS - PROGRAM PARTICIPANT AND PRESENTATION:

Local, Cont.:

- 3/8/90 "High Resolution CT of the Lungs in Simple Coalworkers' Pneumoconiosis" Research Day, Department of Medicine, University of Louisville
- 3/23/90 "High Resolution CT of the Lungs in Simple Coalworkers' Pneumoconiosis", 35th Annual Scientific Conference, Kentucky Thoracic Society, Lexington, KY
- 3/24/90 "Improved Detection of Intrathoracic Lipomas with CT Scanning", 35th Annual Scientific Conference, Kentucky Thoracic Society, Lexington, KY
- 4/5/90 "Oxygen Transport and Utilization", Medical Grand Rounds, Department of Internal Medicine, University of Louisville
- 3/22-23/91 "The Effect of Nicotine on Metabolic Rate at Rest and with Low-Level Work" **Collins LC***, Walker J, and Stamford B., 35th Annual Scientific Conference, Kentucky Thoracic Society, Louisville, KY
- 4/4/91 "The Effect of Nicotine on Metabolic Rate at Rest", Research Day, Department of Internal Medicine, University of Louisville, Louisville, KY
- 12/13/91 "The Thermic Effect of Nicotine in Fasted, Rested Men", **Collins LC***, Walker J and Stamford B., Biochemistry / Internal Medicine Retreat, Poster Presentation, Louisville, KY
- 12/13/91 "The Acute Effect of Smoking, Exercise and Caffeine on Energy Expenditure in the Fasted and Postprandial State", **Collins LC***, Nanini LA, Walker J and Stamford B., Biochemistry / Internal Medicine Retreat. Poster Presentation, Louisville, KY
- 5/19/92 "The Thermic Effect of Nicotine in Fasted, Rested Men". **Collins LC***, Walker J and Stamford B., Nutrition Journal Club for University of Kentucky and University of Louisville, Slide Presentation. Louisville, KY
- 3/19-20/93 Moderator, 38th Scientific Conference, Kentucky Thoracic Society, Louisville, KY

SCIENTIFIC PROGRAMS - PROGRAM PARTICIPANT AND PRESENTATION:

Local, Cont.:

3/20/93 "The Effect of Body Fat Distribution on Pulmonary Function Tests in Nonobese Men", **Collins LC***, Hoberty P, Walker J and Peiris A., 38th Scientific Conference, Kentucky Thoracic Society. Louisville, KY

INVITED SPEAKER:

1/19/87 "Hypersensitivity Pneumonitis", Division of Allergy and Immunology, Kosair Children's Hospital, Louisville, KY

9/17/87 "Asthma and COPD", School of Respiratory Therapy, Jefferson Community College, Louisville, KY

9/22/87 "Upper Airway Obstruction", School of Respiratory Therapy, Jefferson Community College, Louisville, KY

10/5/87 "Interstitial Lung Disease", School of Respiratory Therapy, Jefferson Community College, Louisville, KY

10/23/87 "Status Asthmaticus", District Meeting, Kentucky Society of Respiratory Care, Louisville, KY

1/13/88 "Exercise-induced Asthma", Department of Pharmacy, Ireland Army Hospital, Fort Knox, KY

7/19/88 "Introduction to Radiographic Chest Anatomy", Department of Pathology, University of Louisville, Louisville, KY

9/21/88 "Asthma and COPD", School of Respiratory Therapy, Jefferson Community College, Louisville, KY

10/20/88 "Upper Airway Obstruction", School of Respiratory Therapy, Jefferson Community College, Louisville, KY

12/2/88 "Mucociliary Clearance", District Meeting, Kentucky Society of Respiratory Care, Louisville, KY

3/7/89 "Health Effects of Cigarette Smoking", Data Courier Corporation, Louisville, KY

INVITED SPEAKER, Cont.:

- 4/19/93 "Pulmonary Infiltrates and Eosinophilia Syndromes", Division of Allergy and Immunology, Kosair Children's Hospital, University of Louisville, Louisville, KY
- 4/28/89 "Advances in Inhalational Therapy", Medical Staff Noon Conference, Humana Hospital-Audubon, Louisville, KY
- 9/10/89 "Asthma and COPD", School of Respiratory Therapy, Jefferson Community College, Louisville, KY
- 9/13/93 "New Pathways to Treatment of COPD", Floyd County Medical Society, Prestonsburg, KY
- 9/28/89 "Upper Airway Obstruction", School of Respiratory Therapy, Jefferson Community College, Louisville, KY
- 10/6/89 "Chronic Cough: Evaluation and Management", Medical Staff Noon Conference, Humana Hospital/Audubon, Louisville, KY
- 1/16/90 "Pulmonary Infiltrates and Eosinophilia", Kosair Children's Hospital, University of Louisville, Louisville, KY
- 2/9/90 "Pulmonary Complications in the Immunocompromised Host", Noon Conference, Humana Hospital/Audubon, Louisville, KY
- 2/21/90 Testified in favor of State certification of respiratory therapists, Kentucky Senate Committee of Health and Welfare, Senate Committee Hearing Room, State Capitol Building, Frankfort, KY
- 4/11/90 "Exercise-induced Asthma", Department of Pharmacy, Ireland Army Hospital, Fort Knox, KY
- 5/24/90 "Sleep Disorders", Panel Discussion Participant, WKPC, Channel 15, Louisville, KY
- 8/14/90 "Exercise-induced Asthma", Housestaff Noon Conference, Department of Internal Medicine, University of Louisville
- 9/4/90 "Upper Airway Obstruction", School of Respiratory Therapy, Jefferson Community College, Louisville, KY

INVITED SPEAKER, Cont.:

- 10/9/90 "New Developments in Management of Chronic Bronchitis", Grand Rounds, Department of Family Practice, Deaconess Hospital, Evansville, IN
- 10/16/90 "Chronic Bronchitis and Emphysema", School of Respiratory Therapy, Jefferson Community College, Louisville, KY
- 2/4/91 "First Line Medications: Current Trends in Diagnosis and Treatment of Chronic Bronchitis", Housestaff and Faculty Noon Conference, Parkview Hospital, Fort Wayne, IN
- 6/1/91 "Test-Taking Skills", Entry-Level Certification Examination Review for Respiratory Therapists, Baptist Hospital East, Louisville, KY
- 9/10/91 "Upper Airway Obstruction", School of Respiratory Therapy, Jefferson Community College, Louisville, KY
- 10/2/91 "The Many Faces of COPD", State Meeting, Kentucky Society for Respiratory Care, Louisville, KY
- 10/22/91 "Emphysema and Chronic Bronchitis", School of Respiratory Therapy, Jefferson Community College, Louisville, KY
- 5/14/91 "The Evaluation and Treatment of Chronic Bronchitis", Department of Family Practice, Welbourn/Baptist Hospital, Evansville, IN
- 4/14/92 "Interstitial Lung Disease", Division of Allergy and Immunology, Kosair Children's Hospital
- 4/29/92 "The Evaluation and Treatment of Chronic Bronchitis", Grand Rounds, Department of Family Practice, St. Mary's Hospital, Evansville, IN
- 8/12/92 "The Evaluation and Treatment of COPD", Grand Rounds, Department of Family Practice, Deaconess Hospital, Evansville, IN
- 9/6/92 "Emphysema and Chronic Bronchitis", Guest Lecturer, School of Respiratory Therapy, Jefferson Community College, Louisville, KY
- 9/25/92 "The Many Faces of COPD", State Meeting, Indiana Society for Respiratory Care, Indianapolis, IN
- 10/29/92 "Upper Airway Obstruction", Guest Lecturer, School of Respiratory Therapy, Jefferson Community College, Louisville, KY

INVITED SPEAKER, Cont.:

- 2/12/93 "Asthma: A Potentially Fatal Disease", Medical Staff Noon Conference, Humana Hospital/Audubon, Louisville, KY
- 3/3/93 "Complications of Ventilation Therapy", Critical Care-Trauma Symposium, Hyatt Regency Hotel, Louisville, KY
- 4/16/93 "Asthma: Changing Concepts and Controversies", Program Director and Moderator, Bottigheimer Auditorium, Jewish Hospital, Louisville, KY
- 5/21/93 "Early Treatment of COPD", 98th Annual Meeting, Indiana Association of Osteopathic, Physicians and Surgeons, Adams Mark Hotel, Indianapolis, IN
- 7/23/93 "An Update on Asthma: Pathophysiology, Epidemiology, and Research Trends", Board of Directors Meeting, American Lung Association of Kentucky, Shakertown, KY
- 10/5/93 "COPD-Pathophysiology and Treatment", Noon Conference, Department of Internal Medicine, Housestaff, University of Louisville Hospital, Louisville, KY
- 2/16/94 "Chronic Bronchitis-Evaluation and Management", Medical Staff Noon Conference, Audubon Hospital, Louisville, KY
- 5/11/94 "Chronic Bronchitis-Evaluation and Management", Medical Staff Conference, Veterans Administration Medical Center, Fort Wayne, IN
- 5/11/94 "COPD - Pathophysiology and Management", Medical Staff Noon Conference, St. Joseph's Hospital, Fort Wayne, IN
- 10/18/94 "Chronic Bronchitis/Emphysema", Jefferson Community College, Louisville, KY
- 10/18/94 "Direct Effects of Meconium on Rat Tracheal Smooth Muscle Tension In Vitro", Research Seminar, Dept. of Physiology, University of Louisville
- 10/23/94 "Introduction to Lungs and Lung Disease", Mississippi Valley Lung Conference, Seelbach Hotel, Louisville, KY
- 10/28/94 "Community Acquired Pneumonia", Louisville Radiation Oncology Society, Shogun Restaurant, Louisville, KY

INVITED SPEAKER, Cont.:

- 11/4/94 "HRCT in Coal Worker's Pneumoconiosis", Louisville Bar Association, Louisville, KY
- 11/22/94 "Upper Airway Obstruction", Jefferson Community College, Louisville, KY
- 11/22/94 "Direct Effects of Meconium on Rat Tracheal Smooth Muscle Tension In Vitro", Department of Medicine, University of Louisville
- 12/7/94 "Complications of Mechanical Ventilation; Update in Mechanical Ventilation", Floyd Theater, University of Louisville
- 1/20/95 "Treatment of TB-1995", Family Practice Grand Rounds, Jewish Hospital, Louisville, KY
- 2/2/95 "Reflex Control of Respiration", Internal Medicine Grand Rounds, ACB Auditorium, University of Louisville
- 2/22/95 "Chronic Bronchitis/Emphysema", Middletown Humana Care Physicians, Humana Middletown Office, Louisville, KY
- 3/11/95 "Neuromuscular Blockade in the ICU", Third Annual Critical Care Nursing, Symposium", Hilton Hotel, Louisville, KY
- 3/11/95 Panel Discussion on "Management of Hemodynamically Unstable Trauma Patients", Hilton Hotel.
- 3/11/95 "Treatment of TB-1995", Audubon Medical Staff Grand Rounds, Louisville, KY
- 4/7/95 "Pulmonary Aspects of Nutritional Support", KY SPEN/ISPEN Conference, Galt House, Louisville, KY
- 4/27/95 "TB-Its Back and It's Bad", Region II Respiratory Care Meeting, Cincinnati, OH
- 5/17/95 "Step Care Treatment for COPD", Grand Rounds, Ball State University, Muncie, IN
- 5/17/95 "Step Care Treatment for COPD", Noon Conference, House Staff, Fort Wayne VA Hospital, Fort Wayne, IN

INVITED SPEAKER, Cont.:

- 6/6/95 "Step Care Treatment for COPD", Shelby County Medical Society, Shelbyville, IN
- 7/24/96 TB Today. Moderator, Panel Discussion. Ft. Mitchell, KY
- 7/26/96 PFT Workshop for Indiana Academy of Family Practice, French Lick, IN
- 8/10/96 "COPD--What the Allergist Should Know", Indiana Allergy Society, Indianapolis, IN
- 9/20/96 "Step Care Therapy in COPD", Indiana Society of Respiratory Care, Indianapolis, IN
- 11/21/96 "Upper Airway Obstruction", Jefferson Community College School of Respiratory Therapy, Louisville, KY
- 12/11/97 "Community-Acquired Pneumonia", Audubon Medical Staff, Louisville, KY
- 12/18/97 "Chest Radiograph Interpretation for Tuberculosis", Federal Employees Health Conference, Louisville, KY
- 10/08/98 "Pre-operative Pulmonary Evaluation", Kentucky Thoracic Society, Fort Mitchell, KY
- 10/27/98 "Round Table Discussion on COPD", University of Louisville Pulmonary Fellows, Louisville, KY
- 11/10/98 "The Diagnosis and Management of COPD", Louisville Physicians, Louisville, KY
- 1/8/99 "The Diagnosis and Management of COPD", Indian Physicians Club, Louisville, KY
- 2/10/99 "The Use of Nebulized Medication in COPD", Alpha-1-Antitrypsin Support Group, Louisville, KY
- 2/26/99 "The Differential Diagnosis of COPD and Asthma", Physicians Group, Indianapolis, IN

INVITED SPEAKER, Cont.:

- 4/7/99 "An Update on the Treatment of active TB", Kentucky Thoracic Society Scientific Meeting, Bowling Green, KY
- 5/13/99 "The Pharmacologic Management of COPD", Louisville Pharmacists Group, Louisville, KY
- 12/1/99 "Management of Acute Respiratory Failure", Division of Cardiology Grand Rounds, University of Louisville, Louisville, KY
- 2/12/99 "The Differential Diagnosis of COPD and Asthma", Indiana Physician's Group, Indianapolis, IN
- 12/22/99 "The Management of COPD", Respiratory Practitioners and Physicians Group, Indianapolis, IN
- 2/3/00 Round Table Discussion on COPD, University of Louisville Pulmonary Fellows, Louisville, KY
- 4/28/00 "The Diagnosis and Management of COPD", Region II Respiratory Care Meeting, Indianapolis, IN

RESEARCH ACTIVITIES:

Physiologic impact of simple coalworkers' pneumoconiosis
Metabolic affects of cigarette smoking
Metabolic and neural influence on the pulmonary circulation

GRANTS, CONTRACTS, AND INDUSTRIAL FUNDING

- 1992-93 "The Effect of Body Fat on the Pharmacokinetics of Nicotine." American Lung Association of Kentucky and Jewish Heart/Lung Institute, \$18,377
- 1994-96 "Academic Tuberculosis Award." Kentucky Cabinet for Human Resources. \$10,000

CLINICAL TRIALS

1. Sub-Investigator: "A multicenter, double-blind, placebo-controlled, efficacy and safety study of TLC C-53 in patients with acute respiratory distress syndrome." **The Liposome Company**, Princeton, NJ, Dec 1, 1995 - Dec 1, 1996. **(INACTIVE)**
2. Sub-Investigator: "A phase III, double-blind, randomized, placebo-controlled study to evaluate the efficacy and safety of a single dose of Tenefuse (Ro 45-2081) ant TNF in the treatment of severe sepsis/septic shock." **Hoffman-LaRoche Inc.**, Nutley, NJ, Jan 1, 1996 - Dec 20, 1997. **(INACTIVE)**
3. Principal Investigator: "A multi-center, double-blind, placebo-controlled study of Filgrastim in the treatment of patients with pneumonia and severe sepsis." **Amgen Inc**, Thousand Oaks, CA, June 1, 1996 - Oct 31, 1998 **(INACTIVE)**
4. Principal Investigator: "Antithrombin III in patients with severe sepsis: A multinational, double-blind, randomized, placebo-controlled, phase III study." **Centeon Inc**, Marburg, Germany, April 1, 1997 - Oct 1998 **(INACTIVE)**
5. Sub-Investigator: "rPAF): A phase 2b study to evaluate the safety and efficacy of recombinant platelet activating factor Acetylhydrolase-AH for the prevention of acute respiratory distress syndrome (ARDS) in patients with severe sepsis or severe traumatic injuries. **ICOS Corp.**, Bothell, WA, Sept 1998 - December 1999. **(INACTIVE)**
6. Principal Investigator: CONVINCE, "Controlled onset Verapamil investigation for cardiovascular end-points trial." **Searle Inc.**, Skokie, IL, July 1, 1997 - July 1, 2003. **(ACTIVE)**
7. Principal Investigator: "Safety and efficacy of Surfaxin™ when administered by bronchopulmonary segmental lavage compared to standard of care in adults with predominantly direct cause of acute respiratory distress syndrome (ARDS): A multicenter, randomized, controlled phase II-III study." **Discovery Labs, Inc.**, September 1998 - August 1999. **(INACTIVE)**
8. Principal Investigator: "Randomized, evaluator, blind, multi-center comparative study of Ziracin, versus combination therapy in vancomycin-resistant enterococcal bacteremia." **Schering-Plough**, Kenilworth, NJ, June 1, 1998 - June 2000. **(INACTIVE)**
9. Sub-Investigator: "A phase III, open-label, multi-center, six-month trial of Xyrem™ (sodium oxybate) oral solution for the treatment of narcolepsy in study drug naive patients. **Orphan Medical, Inc.**, June 1999 - Oct 1999. **(INACTIVE)**

CLINICAL TRIALS, Cont.:

10. Sub-Investigator: "A phase 2a, multiple dose safety, tolerability, pharmacokinetics, and pharmacodynamics study of PMX 622 in patients with severe SIRS and evidence of infection. **Novartis Pharmaceuticals Corporation**, April 1999 - Feb 2000. **(INACTIVE)**.
11. Sub-Investigator: "A phase II, multicenter, prospective, randomized controlled, pivotal trial for efficacy of Partial Liquit Ventilation (PLV) with low and high doses of Perflubron in adult patients with acute lung injury. **Alliance Pharmaceutical Corporation**, San Diego, CA, November 1999 - March 2001. **(ACTIVE)**