

CURRICULUM VITAE
Peter Samuel Kussin

EDUCATION AND TRAINING:

COLLEGE:

Columbia College, New York City
1968-1970; 1971-1972

University of Paris: La Sorbonne
1970-1971

Major: French Literature

Degree: Bachelor of Arts

GRADUATE EDUCATION:

Bank Street College of Education
New York City, N. Y.
1972-1974

Major: Special Education

Degree: State Certificate as Teacher of
Special Education

MEDICAL EDUCATION:

Mount Sinai School of Medicine
New York City, N. Y.
1981-1985

Degree: M.D.

INTERNSHIP:

Internal Medicine
Duke University Medical Center
Durham, N. C.
1985-1986

RESIDENCY:

Internal Medicine
Duke University Medical Center
Durham, N. C.
1986-1987

FELLOWSHIP:

Division of Allergy, Critical Care
and Pulmonary Medicine
Duke University Medical Center
Durham, N. C.
1988-1989

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CURRENT POSITION:

Professor, Dept. of Medicine
Division of Pulmonary
and Critical Care Medicine

PROFESSIONAL EXPERIENCE:

1969-1974

Play Therapist: Bellevue Psychiatric
Hospital: Pediatric Service

1974-1977

Teacher of Emotionally Handicapped
Children: New York City Public Schools

1977-1980

Head Teacher: Junior High School 171
Program for Emotionally Handicapped
Children

1980-1984

Educational Consultant: Open Court
Publishing Company, LaSalle, Illinois

HONORS AND AWARDS:

1969-1970

Dean's List, Columbia College

1970

Diploma: Université de Paris
Institut des Professeurs de
Français à L'Étranger

1981-1984

National Institutes of Health:
Summer Research Fellowship Award

1984

Alpha Omega Alpha: National Medical
Honor Society

1985

Harold Elster Prize: Highest Academic
Standing in Medical School Class

M. Ralph Kaufman Award for
Excellence in Psychiatry

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1988 Division of General Medicine: Research Competition Award

1989 American College of Physicians: Clinical Vignette Competition: Honorable Mention

LICENSURE: State of North Carolina: 1985- present

BOARD CERTIFICATION: American Board of Internal Medicine: 1988
Pulmonary Medicine: 1990, 2000, 2010

BOARD ELIGIBLE: Critical Care Medicine

ADMINISTRATIVE RESPONSIBILITIES:

1. Chairman, Pharmacy and Therapeutics Committee (January 1992-2009)
2. Director, Adult Cystic Fibrosis Program (May 1995-2014)
3. Vice Chairman for Continuing Medical Education, Department of Medicine: 2008- 2011
4. Medical Director, Long Term Acute Care Hospital at Durham Regional Hospital
5. Chief Medical Officer, Duke University Medical Center (January 1, 1997-January 1, 2001)
6. Director of Medical Staff Operations, Duke Hospital (August 1995-January 1, 1997)
5. Board member: Duke Hewlett Packard Research Center (January 1995-May 1997)
6. Founding member of Duke Ethics Committee and Chairman, Policy Subcommittee of Duke Hospital Ethics Committee (January 1989-July 1996)
7. Performance Improvement Coordinating Committee (July 1, 1996-2010)
8. Product Standardization Committee (July 1, 1995-January 1, 2000)
9. Patient Education Committee (July 1, 1996-January 1, 2001)
10. Chair, Durham County Asthma Coalition (1993-1998)
11. WellPath Quality Assurance and Credentialing Committee (July 1, 1995-January 1, 1999)

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12. Co-Chair Duke Pain Initiatives
(July 1, 1996-January 2001)
13. ECMS
(July 1, 1993-2010)

CURRENT RESEARCH:

1. Co-investigator: SUPPORT, Robert Wood Johnson Foundation grant to study attitudes and outcome in critical illness. Responsibilities: administrative role in second phase of 5 year study; research role in analysis of data from first phase of study.
2. Co-investigator with clinicians in the Department of Infectious Disease in antibiotic clinical trials involving respiratory infections.

PREVIOUS RESEARCH:

1. Principal Investigator: Randomized prospective study of endobronchial irradiation versus conservative therapy in malignant airway obstruction.
2. Principal Investigator: Prospective randomized study of brachytherapy and hyperbaric oxygen in malignant airway obstruction.
3. Principal Investigator: Randomized trial of high dose inhaled Fluticasone in severe asthma.
4. Principal Investigator: Randomized study comparing incidence of barotrauma in assist control ventilation compared to pressure control ventilation in ARDS.
5. Principal Investigator: Effect of premorbid personality on catecholamines and cortisol levels in critical illness.
6. Principal Investigator: Localization of adhesion molecules in endobronchial biopsies in normals and patients with asthma.
7. Principal Investigator: Double blind placebo controlled trial to assess safety of long-term treatment with intranasal Fluticasone.
8. Principal Investigator: Double Blind Trial of Oral Leukotriene Antagonist in Mild to Moderate Asthma
9. Principal Investigator: Antioxidant Enzyme Localization in the Human Airway: Biopsy study of normal and asthmatic bronchial mucosa and normal and allergic nasal mucosa.

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BIBLIOGRAPHY:

Publications since 1990

Peter Kussin, MD

Publications

1. Toscano J., Kussin P.S., Samuelson W.M., Fulkerson W.J., Pulmonary Embolism complicating Barbiturate Overdose. *Critical Care Medicine* 18:777-8, July 1990
2. Tomberlin SK, Halperin EC, Kussin PS, Leopold K, Bentel G, Wolfe WG and Powers M. Endobronchial Interstitial Au¹⁹⁸ Implantation in the Treatment of Recurrent Bronchogenic Carcinoma *J Surg Oncology* 49:213-219, 1992
3. Chiles C., Kussin PS and Putman C. Why the non-resolving pneumonia? *J Respir Dis* 4: 224-227, 1992
4. Kopita JM, Handshoe DM, Kelemen M and Kussin PS. Cat germs: Pleuropulmonary Pasteurella Infection in an Old Man: Case Report and Review of the Literature *NC Journal of Medicine* 54:308-311, July 1993
5. Van Hove JL, Shanske S., Ciacci F, Ballinger S, Shoffner JS, Wallace DC, Hanioka T, Folkers K, Bossen E, Kussin PS, et al. Mitochondrial Myopathy with anemia, cardiomyopathy and lactic acidosis: a distinct late onset mitochondrial disorder *Am J Med Genetics* 51:114-120, June 1994
6. Wenger NS, Oye RK, Bellamy PE, Lynn J, Phillips RS, Desbiens N, Kussin PS, Younger SJ. Prior Capacity of Patients lacking decision making ability early in hospitalization: implications for advanced directive administration *J Gen Int Med* 9:539-543, Oct. 1994
7. Margolis JO, McGrath BJ, Kussin PS and Schwinn DA. Do not resuscitate orders during surgery: ethical foundations for institutional policies in the United States *Anesthesia and Analgesia* 80:806-809, April 1995
8. Hamel MB, Goldman L, Teno J, Davis RB, Harrell FJ, Connors AF, Califf R, Kussin PS, Bellamy P, et al. Identification of comatose patients at high risk for death or severe disability *JAMA* 273:1842-1848, June 21, 1995
9. Baz MA, Kussin PS, VanTrigt P, Davis RD, Roggli V, Tapson VF. Recurrence of panbronchiolitis after lung transplantation *Am J Respir Crit Care Med* 151:895-898, March 1995
10. Kussin PS. Beginning a Conversation on Medical Futility in North Carolina. *North Carolina Medical Journal* 56:418-419, Sept. 1995
11. Govert JA, Kopita JM, Matchar D, Kussin PS, Samuelson WM. Cost-effectiveness of collecting routine cytologic specimens during fiberoptic bronchoscopy for endoscopically visible lung tumor. *Chest* 109:451-456, 1996
12. Wenger NS., Oye RK, Desbiens NA, Phillips RS., Teno JM, Connors AF, Liu H, Zemsky MF, Kussin PS. The stability of DNR orders on hospital readmission. *The Journal of Clinical Ethics* 7:48-54, Feb. 1996
13. King SC, Acker JC, Kussin PS, Marks LB, Weeks KJ, Leopold KA. High-dose, hyperfractionated, accelerated radiotherapy using a concurrent boost for the treatment of

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- nonsmall cell lung cancer: unusual toxicity and promising early results. *Int J Radiation Oncology Biol. Phys.* 36:3 593-599, Oct. 1, 1996
14. Connors AF, Dawson NV, Thomas C, Harrell FE Jr., Desbiens N, Fulkerson WJ, Kussin P, Bellamy P, Goldman L, Knaus WA. Outcomes following acute exacerbation of severe chronic obstructive lung disease. *Am. J Respir Crit Care Med* 154:959-967, Oct. 1996
 15. Wenger NS, Greengold NL, Oye RK, Kussin PS, Phillips RS, Desbiens NA, Liu H, Hiatt JR, Teno JM, Connors AF, Jr. for the SUPPORT Investigators. Patients with DNR orders in the operating room: Surgery, Resuscitation, and Outcomes. *The Journal of Clinical Ethics* 8:3 250-257, Fall 1997.
 16. Galanos AN, Pieper CE, Kussin PS, Winchell MT, Fulkerson WJ, Harrell FE, Teno JM, Layde P, Connors AF Jr., Phillips R, Wenger NS. The relationship of body mass index to subsequent mortality among seriously ill patients. *Crit Care Med* 25:1962-68, Dec. 1997.
 17. Palmer, SM Jr., Layish DT, Kussin PS, Oury T, Davis RD, Tapson VF. Lung transplantation for William-Campbell syndrome. *Chest* 113:534-7, Feb. 1998.
 18. McAdams HP, Goodman PC, Kussin PS. Virtual bronchoscopy for directing transbronchial needle aspiration of hilar and mediastinal lymph nodes: A pilot study. *ARJ* 170:1361-1364, 1998.
 19. Weeks JC, Cook EF, O' Day SJ, Peterson LM, Wenger N, Reding D, Harrell FE, Kussin P, Dawson NV, Connors AF Jr., Lynn J, Phillips RS. Relationship between cancer patients' predictions of prognosis and their treatment choices. *JAMA* 279:21 1709-14, June 1998.
 20. Govert JA, Kussin PS, Samuelson WM. A prospective comparison of a fiberoptic transbronchial needle aspiration and bronchial biopsy for bronchoscopically visible lung carcinoma. *Cancer Cytopathology* 87:129-34, 1999.
 21. Wenger NS, Lynn J, Oye RK, Liu H, Teno JM, Phillips RS, Desbiens N, Sehgal A, Kussin PS, Taub H, Harrell F, Knaus WA. Withholding versus withdrawing life-sustaining treatment: patient factors and documentation associated with dialysis decisions. *Journal of the American Geriatrics Society Supplement* 48:S75-83, May 2000.
 22. Haidet P, Hamel MB, Davis RB, Wenger N, Redinger D, Kussin PS, Connors AF Jr., Lynn J, Weeks JC, Phillips RS. Outcomes, preferences for resuscitation, and physician-patient communication among patients with metastatic colorectal cancer. SUPPORT Investigators. Study to understand Prognoses and Preferences for Outcome and Risks of Treatments. *Am J Med* 105:222-9, Sept. 1998.
 23. Burroughs Pena MS, Durham M, Schulte P, Kussin P, Checkley W, Velazquez EJ. Reduced Lung Function is Associated with Decreased Ejection Fraction and Decreased Left Ventricular Size in Patients in a Tertiary Care Center. *Circulation*. 2014;130:A16683.

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24. .Waweru-Siika W, Clement ME Lukoko L ,Nadel S, Rosoff PM,, Naanyu V, Kussin PS.
Brain death determination: the imperative for policy and legal initiatives in Sub-Saharan
Africa **Glob Public Health. 2015 Nov 13:1-12**

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Chapters and Reviews

1. Kussin PS, Fulkerson WJ. Pulmonary Vascular Disease in *Annual Review of Pulmonary and Critical Care Medicine* 1990. Matthay RA, editor. Hanley and Belfus, Philadelphia Pa
2. Fulkerson WJ, Kussin PS. Pulmonary Vascular Diseases in *Annual Review of Pulmonary and Critical Care Medicine* 1991. Matthay RA, editor. Hanley and Belfus, Philadelphia Pa
3. Kussin PS. Respiratory Muscle Fatigue in *Complications of Mechanical Ventilation* MacIntyre NM, Fulkerson WJ editors Lippincott Co, New York 1990
4. Kussin PS, Tapson VT, Fulkerson WJ. Venous Thromboembolic Disease in *Annual Review of Pulmonary and Critical Care Medicine* Matthay RA, editor. Hanley and Belfus, Philadelphia Pa 1992
5. Kussin PS. Complications of Long Term Mechanical Ventilation in *Complications of Thoracic Surgery*. Wolfe WG editor Lippincott Inc. New York 1992
6. Fulkerson WJ Kussin PS Samuelson WM. Pulmonary Diseases in *Textbook of Therapeutic Medicine for Practicing Physicians* Scanly AH, editor Lea Fabiger. New York 1992
7. Handshoe DM, Kussin PS, Ost A, Fulkerson WJ. Barotrauma in the Mechanically Ventilated Adult. *Trauma Quarterly* 11:52-75, 1994
8. Shearer-Poor E, Kussin PS Dyspnea: Pathophysiology and Treatment in *Textbook of Respiratory Care* Rackow E and MacIntyre NM editors Lippincott New York 1994
9. Kussin PS, Fulkerson WJ The Rising Tide of Asthma; Trends in the Epidemiology of Morbidity and Mortality from Asthma in *Respiratory Care Clinics of North America* 1:2 163-176, Dec. 1995
10. Kussin PS Pathophysiology and Management of Life-Threatening Asthma *Respiratory Care Clinics of North America* 1:2 177-192, Dec. 1995
11. Kussin PS Chest Physiotherapy and Postural Drainage: How Effective in Pleural Effusion Secondary to Pneumonia? *Consultant* 37:6 1481, June 1997

Abstracts

1. Kussin P.S., Sacks H.S., Chalmers T.C., Meta-analysis of Randomized Control Trials of Stress Ulcer Prophylaxis, *American Journal of Gastroenterology*, 34: Supplement 1985
2. Kussin P.S., Sacks H.S., Chalmers T.C., Does the Finegold Diet Really Work? Results of a Meta-analysis. Presented at American Academy of Child Psychiatry 1985
3. Kussin P.S., Samuelson, W.M., Fulkerson, W.J., Empyema: Evidence for Two Distinct Populations. *Chest* 1988; 84:76S
4. Kussin P.S., Samuelson W.M., Fulkerson W.J., Meta-analysis of Clinical Trials Comparing Colloid and Crystalloid in Circulatory Shock. *American Review of Respiratory Disease* 1989; 139:A538

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5. Zeldin D.C., Kussin P.S., Samuelson W.M, Fulkerson W.J., Meta-analysis of Bronchodilator Efficacy of Inhaled β -Adrenergic and Anticholinergic Agents in COAD. *Chest* 1989; 96:2305
6. Kussin P.S., Zeldin D.C., Fulkerson W.J., Samuelson W.M., Meta-analysis of Clinical Trials of Inhaled Bronchodilators in Asthma. *Chest* 1989; 96:2275
7. DeRuyter D.N., Kopita J.M., Piantadosi C.A., Anscher M., Halperin E., Kussin P.S., Endobronchial Irradiation and Hyperbaric Oxygen in Recurrent Lung Cancer. *American Review of Respiratory Disease* 1992; 145:A509
8. Handshoe D.K., Kussin P.S., McAllister K., MacIntyre N.R., Management of Adult Respiratory Distress Syndrome Using Pressure Control Inverse Ratio Ventilation and Volume Cycle Ventilation: Physiology and Gas Exchange Comparisons. *American Review of Respiratory Disease* 1992; 145:A522
9. Connors A.F., Harrell F.E., Desbiens N., Fulkerson W.J., Kussin P.S., Bellamy P.E., Correlates of Survival Time Following Acute Respiratory Failure. *Clinical Research* 1992; 40:PA373
10. Connors A.F., Harrell F.E., Desbiens N., Fulkerson W.J., Kussin P.S., Bellamy P.E., Correlates of Survival Time Following Exacerbation of Severe COPD. *Clinical Research* 1992; 40:PA372
11. Brown T.M., Ritchie J.C., Holmes V.F., Oxley S.L., Williams R., Kussin P.S., Premorbid Susceptibility to Anxiety and Excess Dopaminergic Activity are Associated with the Development of Delirium in the Intensive Care Unit. American Thoracic Society 1993.
12. Teno J., Lynn L., Wenger N., Connors A., Phillips R., Youngner S., Kussin P.S., Reding D.J. and the SUPPORT Investigators, Management of Seriously Ill Dying Patients. Society of General Internal Medicine 1993.
13. Galanos A.N., Kussin P.S., Pieper C.F., Winchell M.T., Fulkerson W.J., The Relationship of Body Mass Index to Subsequent Mortality Among Seriously Ill Hospitalized Adults. American Federation of Clinical Research 1993.
14. Wenger N.S., Greengold N., Oye R.K., Liu H., Phillips R.S., Kussin P.S., Surgical Treatment Preferences and Survival of Patients with Do Not Resuscitate Orders. Society of General Internal Medicine Meeting 1993.
15. Holmes V.F., Kussin P.S., Psychiatric Manifestations of Reactive Airway Dysfunction Syndrome. Submitted to the American Academy of Psychosomatic Medicine 1992 Meeting.
16. Handshoe D.K., Kussin P.S., MacIntyre N.R., Fulkerson W.J., Hemodynamic Effects of Pressure Controlled Inverse Ratio Ventilation and Volume Controlled Ventilation in Patients with Severe Acute Lung Injury. American Thoracic Society 1993.

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17. Wenger N.S., Zemsky M.F., Oye R.K., Phillips R.S., Desbiens N., Teno J.M., Kussin P.S., Liu H.H., Connors A.F., and the SUPPORT Investigators, UCLA Med. Ctr., CA; Beth Israel Hosp., MA; Marshfield Clinic, WI; Dartmouth Med. Sch., NH; Duke Univ. Med. Ctr., NC; and Case Western Reserve Univ., OH. Readmission Resuscitation Status after Hospitalization with a Do Not Resuscitate Order. Society of General Internal Medicine 1994.
18. Wenger N.S., Oye R.K., Desbiens N.A., Teno J.M., Phillips R.S., Seghal A., Kussin P.S., Taub H., Liu H., Lynn J., Knaus W.A., and the SUPPORT Investigators, UCLA Med. Ctr., CA; Marshfield Clinic, WI; Dartmouth Med. School, NH; Beth Israel Hosp., MA; Case Western Reserve Univ., OH; Duke Univ. Med. Ctr., NC; and George Washington Univ., Washington, DC. Withholding Versus Withdrawing Dialysis: Implications for Life-Sustaining Treatment Decisions. Society of General Internal Medicine 1995.
19. Mattimore T.J., Wenger N.S., Lynn J., Dawson N.V., Layde P.M., Kussin P.S., Phillips R.S., Liu H.H., Oye R.K., and the SUPPORT Investigators, UCLA Med. Ctr., CA; Dartmouth Med. School, NH; Case Western Reserve Univ., OH; Marshfield Clinic, WI; Duke Univ. Med. Ctr., NC; and Beth Israel Hosp., MA. Surrogate and Physician Understanding of Patients' Preferences for Living Permanently in a Nursing Home. Society of General Internal Medicine 1995.