

CURRICULUM VITAE

Geoffrey Kurland, M.D.

Biographical

NAME: Geoffrey Kurland, MD



BUSINESS ADDRESS:
Children's Hospital of Pittsburgh
Division of Pediatric Pulmonology
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Pittsburgh, PA 15224

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(secretary)

EDUCATION AND TRAINING

UNDERGRADUATE:
1963-1967

Amherst College;

B.A. Biology (cum laude)

GRADUATE:
1967-1973

Stanford University
School of Medicine
Stanford, California

M.D.

POST-GRADUATE:
Director

1973-1976:

Intern/Resident in Pediatrics
Stanford University Medical Center
Stanford, California

PROGRAM DIR.

I. Schulman, MD

1976-1978:

Fellowship; Pediatric Allergy,
Immunology, and Pulmonology

N. Lewiston, MD

G Kurland, MD
C. V.

Children's Hospital at Stanford
Stanford University Medical Ctr.
Stanford, California

a/o 11/30/09

1978-1981: Fellowship; Research & Clinical Fellow N. Lewiston, MD
Adult/Pediatric Pulmonology &
Departments of Medicine & Pediatrics E.D. Robin, MD
Stanford University Medical Ctr.
Stanford, California

APPOINTMENTS AND POSITIONS

1976-1978	Children's Hospital Stanford Stanford University Medical Ctr. Pediatric Allergy/Immunology and Respiratory Medicine Stanford, California	Fellow
1978-1981	Department of Medicine Stanford University Medical Ctr. Pulmonary Division Stanford, California	Fellow
1981-1988	Department of Pediatrics University of California, Davis School of Medicine Davis, California	Asst. Professor
1986-1988	California Primate Research Ctr. University of California, Davis Davis, California	Member
1981-83	Univ. of California, Davis	Acting Director, PICU
1981-88	Univ. of California, Davis Department of Pediatrics	Director, Pediatric Pulmonology
1983-88	Univ. of California, Davis	Director, Pediatric Flexible Bronchoscopy Service

1988-97	Department of Pediatrics University of Pittsburgh	Assoc. Prof of Pediatrics
1998--	Department of Pediatrics University of Pittsburgh	Prof. of Pediatrics
1990--	Children's Hospital of Pittsburgh	Director, Pediatric Flexible Bronchoscopy Service
1992--	Children's Hospital of Pittsburgh	Director, Pediatric Pulmonary Transplant Program
1992--2009	Children's Hospital of Pittsburgh	Director of Pediatric Pulmonology Fellowship

CERTIFICATION AND LICENSURE

American Board of Pediatrics	1978
American Board of Allergy and Clinical Immunology.	1979
American Board of Pediatric Pulmonology (re-certification)	1986 1995 , 2002, 2012.

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

Alpha Omega Alpha	1972--
Northern California Pediatric Intensive Care Unit Network	1978-1988
American Academy of Pediatrics (Membership # 121752)	1979--

American Lung Association of California	1980-1988
American Thoracic Society (Membership # 40 00 00 69 35)	1980--
California Thoracic Society	1980-1988
Pittsburgh Pediatric Society	1988
Pennsylvania Thoracic Society	1989--
European Respiratory Society	1996-
International Society for Heart and Lung Transplantation	1995-
Pediatric Pulmonary Training Directors Association (President)	1995- 1998-2000
American Pediatric Society	
American Society of Transplant Physicians	1998-
International Pediatric Transplantation Association	2000-

HONORS

Medical Scientist Training Program	1968-1973
Alpha Omega Alpha	1972
Faculty Teaching Award, University of California at Davis	1981-1982
Recipient, Friend of the Trail Award, Western States 100 Mile Endurance Run	1993

LAURA DAVIES FOUNDATION FELLOWSHIP: National Children's Hospital, Great Ormond Street, London; Manchester Royal Children's Hospital; and Harefield Hospital, Harefield U.K. September 30 - November 14, 1996.

Best Doctors in America	2002 , 2016
Recipient, Faculty Recognition Award University of Pittsburgh School of Medicine Class of 2003	2003
Recipient, "Outstanding Achievement in Patient Care" Top 25 Physicians, Children's Hospital of Pittsburgh	2003
Visiting Professor: Post Graduate Institute for Medical Education and Research, Chandigarh, India.	March 3-10, 2007.
"Best Doctors in Pittsburgh"	2009-2020
Visiting Professor: "Fourteenth Annual Normal Kretchmer Visiting Professor", Dept. of Pediatrics, Stanford University, September 22-24, 2010.	
"Physician of Excellence" Award by the American Lung Association of W. Pennsylvania; October 25, 2013	
Clinical Educator of the Year, University of Pittsburgh School of Medicine, 2016	
Visiting Professor in Pulmonary Medicine, Emory University, Dept. of Pediatrics, Division of Pediatric Pulmonology, Feb 27, 2017	

GRANT SUPPORT

NIH-RO1 (1994-1998)	Aerobic Exercise in CF: A One Year Intervention David M. Orenstein, M.D., P.I.	\$1,678,840
Genentech (7/1/96-6/30/97)	Epidemiologic Study of CF Glenna B. Winnie, M.D. , P.I.	\$63,000
Pathogenesis (1995-1997)	Safety and Efficacy of Tobramycin for Inhalation Timothy D. Murphy, M.D., P.I.	\$85,000
Pathogenesis (Ongoing)	Multicenter Investigation of Nontuberculous Mycobacterium in Cystic Fibrosis David M.Orenstein, M.D., P.I.	\$9,621.46
GCRC	Interleukin-8 (IL-8) Levels in Sputum and Plasma	\$13,423.88

(Ongoing)	of Patients Hospitalized with Cystic Fibrosis: A Pilot Study Geoffrey Kurland, M.D., P.I.	
Rainbow Babies and Children's Hospital (1997-1998)	Evaluation of the Efficacy, Safety, Tolerance and Pharmacokinetics of Meropenem for the Treatment of Acute Pulmonary Exacerbations in Patients with Cystic Fibrosis David M. Orenstein, M.D., P.I	\$6,300
Cystic Fibrosis Foundation	C-101 Cystic Fibrosis Center Grant David M. Orenstein, M.D., P.I.	\$99,855 (7/1/96-6/30/97)
American Thoracic Society;		
	01/01/2001-12/31/2001:	\$6,936.00
	01/01/2002-12/31/2002:	\$7,373.00
Pediatric Sub-Specialty Training and Pediatric Pulmonology as a Sub-Specialty Choice: Implications for Future Recruitment.	Geoffrey Kurland, M.D., P.I.	
American Thoracic Society:		
	01/01/2005-12/31/2005	\$16,781.20
Recommendations for the evaluation, diagnosis, and treatment of the child with suspected interstitial lung disease.	Geoffrey Kurland, M.D., P.I.	
Subcontract; Children's Hosp. of Los Angeles	01/01/2006-	\$1,500
Quality of Life in Cystic Fibrosis Patients following Lung Transplantation (Sub-contract to Children's Hosp. of Los Angeles)	Geoffrey Kurland, MD, local P.I.	
Beckwith Institute: 7/2016-6-2017		\$46,000
Development of a Game Designed to Teach Pediatric Asthmatic Patients and their Parents about Asthma Prevention Strategies."		
Beckwith Institute: 2020 (dates pending):		\$20,000
"Upping The Game: Improving an Educational Tool for Children with Asthma"		

PUBLICATIONS

Refereed Articles:

G Kurland, MD
C. V.

1. **Kurland G**, Christensen AK, Huseby RA: Changes in fine structure accompanying estrogen-induced tumorigenesis of Leydig cells in the mouse testes. *Cancer Res* 1975; 35:1671-1686
2. **Kurland G**, Williams J, Lewiston NJ: Fatal myocardial toxicity during continuous intravenous isoproterenol therapy of asthma. *J Allergy Clin Immunol* 1979; 63:407-411
3. Guilleminault C, **Kurland G**, Winkler, Miles LE: Severe kyphoscoliosis, breathing and sleep: The "Quasimodo" syndrome during sleep. *Chest* 1981; 79:626-630
4. Hance AJ, Theodore J, Robin ED, Raffin T, **Kurland G**: Hyperoxic-induced alterations in lung cell structure and function: Effects on cellular cyclic AMP content and comparison to alterations produced by exogenous cyclic AMP. *Biochem Biophys Acta* 1982; 717:369-375.
5. Watson RD, Cannon RA, **Kurland G**, Cox KL, Frates RC: Selenium responsive myositis during prolonged home total parenteral nutrition in cystic fibrosis. *JPEN J Parenteral Enteral Nutr* 1985; 9:58-60
6. Cheung ATW, **Kurland G**, Miller ME, Ford EW, Walsh EM: Host defense deficiency in newborn primate lungs. *J Med Primatol* 1986; 15:37-47
7. **Kurland G**, Mark JD, Halsted CC, Miller ME: Polymicrobial bacterial sepsis and defective neutrophil chemotaxis in an infant with cystic fibrosis. *Pediatrics* 1986; 78:1097-1101
8. Cox KL, Ward RE, Furgiuele TL, Cannon RA, Sanders KD, **Kurland G**: Orthotopic liver transplantation in patients with cystic fibrosis. *J Pediatrics* 1987; 80:571-574
9. **Kurland G**, Seltzer J: Anti-diuretic hormone excess in infant botulism. *Am J Dis Child* 1987; 141:1227-1229
10. **Kurland G**, Cheung ATW, Miller ME, Ayin SA, Walsh E, Cho MM, Ford EW: The ontogeny of pulmonary defenses: alveolar macrophage function in neonatal and juvenile rhesus monkeys. *Pediatr Res* 1988; 23:293-7
11. Dimand R, Moonen TW C, CS Simon, Bradbury M, Cox KL, **Kurland G**: Adipose tissue abnormalities in cystic fibrosis: Noninvasive determination of mono- and polyunsaturated fatty acids by carbon-13 topical magnetic resonance spectroscopy. *Pediatr Res* 1988 24(2): 243-246

12. **Kurland G**, Anderson DA, Mitsouka JC, Marquardt ED: The prediction of intravenous theophylline dosage based on a single, non steady-state concentration: A clinical study in childhood status asthmaticus. *Pediatrics* 1989; 82(6):880-883
13. Wu R, Martin WR, Robinson CB, St. George JA, Plopper CG, **Kurland G**, Last JA, Cross CE, McDonald RJ, Boucher R. Expression of mucin synthesis and secretion in human tracheobronchial epithelial cells grown in culture. *Am J Respir Cell Mol Biol* 1990, 3:467-478
14. **Kurland G**, Dauber JH: The deficient migration in vitro of lung macrophages from newborn rats normalizes after three days of maturation in situ. *J. Leukocyte Biol* 1991; 49:211-213
15. Ricker DH, Gartner C, **Kurland G**: Fatal pulmonary Aspergillosis presenting as an acute eosinophilic pneumonia in a previously healthy child. *Chest* 1991; 100:875-877
16. Armitage JM, Fricker FJ, **Kurland G**, Hardesty RL, Michaels M, Morita S, Starzl TE, Yousem SA, Jaffe R, Griffith BP: Pediatric lung transplantation: 1985-1992 and the clinical trial of FK506. *J Thoracic Cardiovascular Surg.* 1993;105:337-46.
17. Koumbourlis AC, **Kurland G**: Nonbronchoscopic bronchoalveolar lavage in mechanically ventilated infants: Technique, efficacy, and applications. *Pediatric Pulmonology* 1993; 15:257-262.
18. **Kurland G**, Noyes BE, Jaffe R, Atlas A, Armitage J, Orenstein, DM: Bronchoalveolar lavage and transbronchial biopsy in children following heart-lung and lung transplantation. *Chest*; 1993;104:1043-1048.
19. McGowan FX, Ikegami M, del Nido PJ, Motoyama EK, **Kurland G**, Davis PJ, Siewers RD, Griffith BP. Cardiopulmonary bypass significantly reduces surfactant activity in children. *J Thor & Cardiovasc Surg*; 1993, 106;968-77.
20. Orenstein DM, Pattishall EN, Noyes BE, **Kurland G**, Hartigan ER, Yu VL: Safety of Ciprofloxacin in children with cystic fibrosis. *Clinical Pediatrics*; Aug 1993;504-506
21. Cheung ATW, Moss RB, **Kurland G**, Leong AB, Novick WJ. Chronic *Pseudomonas aeruginosa* endobronchitis in rhesus monkeys: II. A histopathologic analysis. *J Med Primatol*; 1993;22;257-262.

22. Noyes BE, **Kurland G**, Orenstein DM, Fricker FJ, Armitage JM. Experience with pediatric lung transplantation. *J Pediatrics*; 1994;124(2) 261-268.
23. Haddad Jr, J, Gonzalez C, **Kurland G**, Orenstein DM, Casselbrant M.: Ear disease in children with cystic fibrosis. *Arch of Otolaryngology, Head, Neck, Surg*; May; 1994; 120:491-493.
24. Boas SR, Noyes BE, **Kurland G**, Armitage JM, Orenstein DM. Pediatric lung transplantation for graft-versus-host disease following bone marrow transplantation. *Chest*; 1994; 105:1584-1586.
25. Hopp L, Gilboa N, **Kurland G**, Weichler N, Orchard TJ. Acute myocardial infarction in a young boy with nephrotic syndrome: A case report and review of the literature. *Ped Nephrology*;1994; 8:290-249.
26. Noyes, BE, Michaels, MG, **Kurland G**, Armitage JM, Orenstein DM: *Pseudomonas cepacia* empyema necessitatis after lung transplantation in two patients with cystic fibrosis. *Chest*; 1994; 105: 1888-1891
27. Boas SR, Martin C, Medina JL, Noyes BE, **Kurland G**: Hypertrophic osteoarthropathy in a child with follicular bronchiolitis. *Clin Nuclear Med*; 1995; 20(1):49-51.
28. Armitage JM, **Kurland G**, Michaels M, Cipriani LA, Griffith BP, Fricker FJ: Critical issues in pediatric lung transplantation. *J Thoracic and Cardiovascular Surg*, 1995; 109: 60-65.
29. Faro A, **Kurland G**, Michaels MG, Dickman PS, Grealley PG, Spichty KJ, Noyes BE, Boas SR, Fricker FJ, Armitage JM, Zeevi A: Case Report: Alpha-interferon affects the immune response in post transplant lymphoproliferative disorder. *Am J Resp Crit Care Med*; 1996;153:1442-1447.
30. Boas SR, Joswiak ML, Nixon PA, **Kurland G**, O'Connor MJ, Bufalino K, Orenstein DM, Whiteside TL. Effects of anaerobic exercise on the immune system in eight-to-seventeen-year-old trained and untrained boys. *J Pediatrics*, 1996; 129: 846-855.
31. Boas SR, **Kurland G**, Grealley PG, Motoyama EK: Evolution of airway hyperresponsiveness in infants with severe congenital diaphragmatic hernia. *Pediatric Pulmonology*, 1996; 22(5): 295-304.
32. Wagner K, Webber SA, **Kurland G**, Boyle GJ, Miller SA, Griffith BP, Fricker FJ: New onset diabetes mellitus in pediatric thoracic organ recipients under Tacrolimus

FK506-based immunosuppression. *J Heart Lung Transplantation*, 1996; 16(3):272-282.

33. Zapletal A, **Kurland G**, Boas SR, Noyes BE, Greally P, Faro A, Armitage JM, Orenstein DM: Airway function tests and vocal cord paralysis in lung transplant recipients. *Pediatric Pulmonology*, 1997; 23: 89-94

34. Boyle GJ, Michaels MG, Webber SA, Knisely AS, **Kurland G**, Cipriani LA, Griffith BP, Fricker FJ. Posttransplantation lymphoproliferative disorders in pediatric thoracic organ recipients. *J Pediatrics*, 1997; 131:309-313

35. Kaditis AG, Gondor M, Nixon PA, Webber S, Keenan RJ, Kaye R, **Kurland G**. Airway complications following pediatric lung and heart-lung transplantation. *Am J Resp Crit Care Med*, 2000; 162:301-309

36. Kapoor S, **Kurland G**, Jakacki R. Recurrent medulloblastoma following pediatric double-lung transplant. *J Heart Lung Transplant* 2000; 19:1011-1013

37. **Kurland G**, Orenstein DM. Lung Transplantation and Cystic Fibrosis: The Psychosocial Toll. *Pediatrics* 2001; 107: 1419-1421

38. Heath JA, **Kurland G**, Spray TL, Kernan NA, Small TN, Brochstein JA, Gillio AP, Boklan J, O'Reilly RJ, Boulad F. Lung transplantation after allogeneic marrow transplantation in pediatric patients. *Transplantation* 2001; 72: 1986-1990.

39. Dobrolet NC, Webber SA, Blatt J, Michaels M, Kiaffas M, **Kurland G**, Boyle GJ. Hematologic abnormalities in children and young adults receiving tacrolimus-based immunosuppression following cardiothoracic transplantation. *Pediatr Transplant*. 2001;5(2):125-31.

40. Lim GY, Newman B, **Kurland G**, Webber SA. Posttransplantation lymphoproliferative disorder: manifestations in pediatric thoracic organ recipients. *Radiology* 2002; 222: 699-708.

41. Mahnke CB, Sutton RM, Venkataramanan R, Michaels M, **Kurland G**, Boyle GJ, Law YM, Miller SA, Pigula FA, Gandhi S, Webber SA. Tacrolimus dosage requirements after initiation of azole antifungal therapy in pediatric thoracic organ transplantation. *Pediatr. Transplant*. 2003; 7(6):474-8.

42. Kaditis AG, Phadke S, Dickman P, Webber S, **Kurland G**, Michaels MG. Mortality after pediatric lung transplantation: Autopsies vs. clinical impression. *Pediatric Pulmonology* 2004; 37: 413-418.

43. Kreindler J, Ellis D, Vats A, **Kurland G**, Ranganathan S, Moritz ML: Infantile systemic lupus erythematosus presenting with pulmonary hemorrhage. *Pediatr Nephrol.* 2005 Apr;20(4):522-525. Epub 2005 Feb 17
44. Khan S, **Kurland G**, Newman B: Controlled-Ventilation Volumetric CT Scan in the Evaluation of Acquired Pulmonary Lobar Emphysema: A Case Report. *Pediatric Pulmonology* 2007 42:1222–1228
45. Aziz A, Healey JM, Qureshi F, Kane TD, **Kurland G**, Green M, Hackam DJ. A Comparative analysis of chest tube thoracostomy and video-assisted thoracoscopic surgery (VATS) in the treatment of empyema and parapneumonic effusion associated with pneumonia in children. *Surg Inf* 2008; 9 (3): 317-323
46. Shapiro R, Basu A, Tan HP, Morgan C, Sharma V, Blisard D, Randhawa PS, Dvorchik I, McCauley J, Ellis D, Marsh JW, Webber S, **Kurland G**, McCurry KR, Abu-Elmagd K, Mazariegos G, Starzl TE. Kidney after nonrenal transplantation—The impact of Alemtuzumab induction. *Transplantation* 2009; 88:799-802.
47. Adler FR, Aurora P, Barker DH, Barr ML, Blackwell LS, Bosma OH, Brown S, Cox DR, Jensen JL, **Kurland G**, Nossent GD, Quittner AL, Robinson WM, Romero SL, Spencer H, Sweet SC, van der Bij W, Vermeulen J, Verschuuren EA, Vrijlandt EJ, Walsh W, Woo MS, Liou TG. Lung transplantation for cystic fibrosis. *Proceedings of the American Thoracic Society.*2009; 6(8):619-33
48. Zheng C, Kane TD, **Kurland G**, Iurlano K, Spahr J, Potoka DA, Weardon PD, Morell VO. Feasibility of laparoscopic Nissen fundoplication after pediatric lung or heart-lung transplantation: should this be the standard?. *Surgical Endoscopy.* 2011; 25(1):249-54
49. Guglani L, Tadros S, Morell VO, Spahr JE, Webber SA, **KurlandG**. Lobar displacement following pediatric heart-lung transplantation: Case report and review of literature. *Pediatric Transplantation* 2012; 16(3):E94-7.
50. Strawbridge H, **Kurland G**, Watson RS, Sheetz M, Wilkinson S, Weiner DJ. Radiation Exposure from Diagnostic Imaging in the Pediatric Intensive Care Unit (PICU). *Pediatric Critical Care* 2012; 13 (4): 3245-8.
51. Guglani L, Sitwat B, Lower D, **Kurland G**, Weiner DJ. Elevated sweat chloride levels in children without cystic fibrosis who are receiving Topiramate therapy. *Pediatric Pulmonology* 2012; 47: 429-33.
52. **Kurland G**, Deterding RR , Hagood JS , Young LR , Brody AS, Castile RG, Dell S, Fan LL, Hamvas A¹⁰ , Hilman BC, Langston C, Nogee LM, Redding GJ. An

Official ATS Clinical Practice Guideline: Classification, Evaluation, and Management of Childhood Interstitial Lung Disease (chILD) in Infancy. *Am J Resp Crit Care Med* 188 (3): 376-294, 2013

53. Leong AB, Green CG, **Kurland G**, Wood RE. A Survey of Training in Pediatric Flexible Bronchoscopy. *Pediatric Pulmonology* 49: 605-610, 2014. PMID:24009180

54. Rosas-Salazar C, Walczak SA, Winger DG, **Kurland G**, Spahr JE. Comparison of two aspiration techniques of bronchoalveolar lavage in children. *Pediatric Pulmonology* 49: 978-984, 2014 PMID: 24155175

55. Callahan P, Pinto SJ, **Kurland G**, Cain JG, Motoyama EK, Weiner DJ. Dexmedetomidine for infant pulmonary function testing. *Pediatric Pulmonology* 50 (2): 150-154, 2015 PMID: 25187360

56. Faro A, Wood RE, Schechter MS, Leong AB, Wittkugel E, Abode K, Chmiel JF, Daines C, Davis S, Eber E, Huddleston C, Kilbaugh T, **Kurland G**, Midulla F, Molter D, Montgomery GS, Retsch-Bogart G, Rutter MJ, Visner G, Walczak S, Ferkol T, Michelson PH. Official American Thoracic Society Technical Standards: Flexible Airway Endoscopy in Children. *Am J Resp Crit Care Med* 191 (9): 1066-1080, 2015. PMID: 25932763

57. Shein SL, Maul TM, Li H, **Kurland G**. Surfactant administration during pediatric extracorporeal membrane oxygenation. *ASAIO J.* 2015 Jul 13. [Epub ahead of print] PMID:26181713

58. Rosas-Salazar C, Spahr J, Walczak S, **Kurland G**. Site of Bronchoalveolar Lavage via Flexible Bronchoscopy and Fluid Return in Children. *J Bronchol Interventional Pulmonology*, 2016 Jul;23(3):210-4

59. Weiner DJ, Forno E, Sullivan L, Weiner GA, **Kurland G**. Subjective and Objective Assessments of Flow-Volume Curve Configuration in Children and Young Adults. *Ann Am Thor Soc* epub ahead of print 12 Apr 2016 as DOI 10.1513/AnnalsATS.201511-774OC

60. Litao MK, Hayes D Jr, Chiwane S, Nogee LM, **Kurland G**, Guglani L. A novel Surfactant Protein C mutation associated with progressive respiratory failure in G Kurland, MD
C. V.

infancy. *Pediatric Pulmonology*, 52 (1): 57-68, 2017 PMID: 27362365

61. Forno E, Weiner DJ, Mullen J, Sawicki G, **Kurland G**, Han YY, Cloutier MM, Canino G, Weiss ST, Litonjua AA, Celedón JC. Obesity and Airway Dysanapsis in Children With and Without Asthma. *Am J Respir Crit Care Med*. 2016 Aug 23. [Epub ahead of print] PMID: 27552676

62. Chen K, Campfield BT, Wenzel SE, McAleer JP, Kreindler JL, **Kurland G**, Gopal R, Wang T, Chen W, Eddens T, Quinn KM, Myerburg MM, Horne WT, Lora JM, Albrecht BK, Pilewski JM, Kolls JK Antiinflammatory effects of bromodomain and extraterminal domain inhibition in cystic fibrosis lung inflammation. *JCI Insight*. 2016 Jul 21;1(11). pii: e87168 PMID:2751709

63. Zemanick ET, Wagner BD, Robertson CE, Ahrens RC, Chmiel JF, Clancy JP, Gibson RL, Harris WT, **Kurland G**, Laguna TA, McColley SM, McCoy K, Retsch-Bogart G, Sobush KT, Zeitlin PL, Stevens MJ, Accurso FJ, Sagel SD, Harris JK. Airway microbiota across age and disease spectrum in cystic fibrosis *Eur Resp J*. 50 (5): 1700832 [<https://doi.org/10.1183/13993003.00832-2017>]. PMID:29146601

64. Forno E, Abraham N, Winger DG, Rosas-Salazar C, **Kurland G**, and Weiner DJ. Perception of pulmonary function in children with asthma and cystic fibrosis. *Ped Allergy, Immunology, and Pulmonology* 2018 Sep 1;31(3):139-145. PMID:30283712

65. Hayes D, Wilson K, Krivchenia K, Hawkins S M M, Balfour-Lynn I, Gozal D, Panitch HB, Splaingard ML, Rhein LM, Kurland G, Abman SH, Hoffman TM, Carroll CL, Cataletto ME, Tumin D, Oren E, Martin RJ, Baker J, Porta GR, Kaley D, Gettys A, and Deterding RR; on behalf of the American Thoracic Society Assembly on Pediatrics. Home Oxygen Therapy for Children; An Official American Thoracic Society Clinical Practice Guideline. *Am J Respir Crit Care Med* Vol 199, Iss 3, pp e5–e23, Feb 1, 2019

REVIEWS, INVITED PAPERS, PROCEEDINGS OF CONFERENCES AND SYMPOSIA, MONOGRAPHS

1. **Kurland G**, Leong AB: The management of status asthmaticus in infants and children. *Clin Rev Allergy*, 1985; 3:37-67.

2. **Kurland G**, Gershwin ME, Nagy SM: Clinical Allergy Series Part III (slides): Childhood asthma. Medcom, Inc. Famous Teachings in Modern Medicine, 1985.

3. **Kurland G**, Orenstein DM: Complications of pediatric lung and heart-lung transplantation. *Current Opinion in Pediatrics*, 1994; 6:262-271
4. **Kurland G**: Pediatric lung transplantation: Indications and contraindications. *Seminars in Thoracic and Cardiovascular Surgery*, 1996; 8:277-285
5. Noyes BE, **Kurland G**, Orenstein DM: State of the Art--Lung and Heart-Lung Transplantation in Children. *Ped Pulm* 23:39-48, 1997.
6. Nixon PA, Orenstein DM, Rebovich PJ, Noyes BE, **Kurland G**, Webber SA, Fricker FJ: Exercise tolerance and quality of life in paediatric lung transplant recipients. In: Armstrong N, Kirby B, Welsman J (eds.): *Children and Exercise XIX*, E&FN Spon, London; 1997.
7. DeLuca A and **Kurland G**: Empyema in children: epidemiology, diagnosis, and management. *Sem. Ped. Inf. Dis.* 1998; 9:205-211
8. de Blic J, Midulla F, Barbato A, Clement A, Dab I, Eber E, Green C, Grigg J, Kotecha S, **Kurland G**, Pohunek P, Ratjen F, Rossi G: Bronchoalveolar lavage in children. *ERS Task Force Report. Eur Respir J* 2000; 15: 217-231
9. **Kurland G**: Transplant Issues Explored. *Homeline* (Cystic Fibrosis Foundation Pharmacy Publication Series), June, 2001: 1-2.
10. **Kurland G**: My Own Medicine: A Doctor's Life as a Patient. ; Henry Holt/Times Books, New York, 2002
11. **Kurland G**, Michelson P: Bronchiolitis Obliterans in Children: State-of-the Art. *Pediatric Pulmonology* 2005; 39: 193-208
12. Michelson PH, Goyal R, **Kurland G**: Pulmonary complications of haematopoietic cell transplantation in children. *Paediatric Resp Reviews* 2007; 8:46-61.
13. Strawbridge HD, Spahr JE, Galambos C, **Kurland G**. Bronchiolitis obliterans following lung transplantation and stem cell transplantation in pediatric patients. *Curr Ped Rev* 2010; 6(3): 192-203.

BOOK CHAPTERS

1. **Kurland G**: Adaptation to High Altitude. in: Hillman, B. (ed) *Pediatric Respiratory Disease*; W.B. Saunders, Philadelphia, 1992, pp 406-418.

2. **Kurland G**: Emphysema. in: Burg FD, Wald ER, Ingelfinger JR, Polin RA (eds). Current Pediatric Therapy, Vol. 15., W. B. Saunders, Philadelphia, 1993, pp 143-145.
3. **Kurland G** and Orenstein DM: Transplantation. in: Orenstein DM. Cystic Fibrosis: A Guide for Patient and Family, Second Edition, Lippincott-Raven Press; Philadelphia, 1996 pp 141-178.
4. Noyes BE, **Kurland G**, Griffith BP: Lung Transplantation: in: Orenstein DM, Stern RC (eds.). The Hospitalized Cystic Fibrosis Patient; Marcel Dekker, Inc.; New York; pp.341-355.
5. **Kurland G**: Emphysema. In: Burg FD, Wald ER, Ingelfinger JR, Polin RA (eds.) Current Pediatric Therapy, Vol. 16, W.B. Saunders, Philadelphia, 1998, pp 528-530.
6. **Kurland G**: Pleural effusion, Empyema, and Chylothorax. In: Burg FD, Wald ER, Ingelfinger JR, Polin RA (eds.) Current Pediatric Therapy, Vol 16, W.B. Saunders, Philadelphia, 1998, pp533-535.
7. **Kurland G**, Orenstein DM: Transplantation. In Orenstein, DM Cystic Fibrosis: A guide for Patient and Family, 3rd Edition. Lippincott Williams & Wilkins, Philadelphia, 2004, pp 149-188
8. Newman B, **Kurland G**: Tools for Diagnosis and Management of Respiratory Disease. Chapter 506 in Rudolph C, Rudolph A, Lister G, First L, and Gershon A (eds.) Rudolph's Pediatrics 22nd Edition, McGraw Hill, New York, 2011, pp 1924-1928
9. Spahr J, Weiner DJ, Stokes DC, **Kurland G**. Pulmonary Disease in the Pediatric Patient with Acquired Immunodeficiency States. In Wilmott RW, Boat TF, Bush A, Chernick V, Deterding RR, Ratjen F (eds.) Kendig and Chernick's Disorders of the Respiratory Tract in Children. 8th Edition. Saunders; Philadelphia, 2012; Chapter 62, pp 899-919.
10. Ravindra A and **Kurland G**. The Pediatric Pulmonologist and the Infant or Child Before Lung Transplantation: Pretransplant Evaluation and Care of the Potential Pediatric Lung Recipient. In: Dunn SP and Horslen S (Eds.) Solid Organ Transplantation in Infants and Children. Springer, 2018.
11. Spahr J, Weiner DJ, Stokes DC, and **Kurland G**. Pulmonary Disease in the Pediatric Patient with Acquired Immunodeficiency States. In: Wilmott RW, Deterding R, Li A, Ratjen F, Sly P, Zar HJ, and Bush A. (editors) Kendig's Disorders of the

Respiratory Tract in Children. 9th Edition; Elsevier, Philadelphia, 2019; Chapter 64, pp 923-943.

12. Szentpetery S, Weiner DJ, and **Kurland G**. Pulmonary Complications of Solid Organ Transplantation. In: Koumbourlis AC and Nevin MA (editors) Pulmonary Complications of Non-Pulmonary Pediatric Disorders. Humana Press; Springer Nature, Cham, Switzerland, 2018, pp 281-295.

13. Newman B and **Kurland G**. Tools for Diagnosis and Management of Respiratory Disease. In: Kline M W (Chief Ed.) Rudolph's Pediatrics, 23rd Edition. McGraw Hill; New York; 2018, Chapter 499, pp 2377-2386.

ABSTRACTS (Selected)

1. **Kurland G**, Hance J, Amene P, Theodore J, Robin E: Depression of intracellular cAMP levels in lung fibroblasts and alveolar macrophages of hyperoxia. Clin Res 1981; 29:582A.

2. Cannon R, Watson R, Cox K, **Kurland G**, Frates RC: Selenium responsiveness myositis during prolonged home TPN for cystic fibrosis. Clin Res 1983; 31:130A.

3. **Kurland G**, Cheung ATW, Miller ME, Leong A: In vitro nasal ciliary motility and peripheral blood neutrophil (PBN) function in immotile ciliary syndrome (ICS). Clin Res 1983; 32:132A

4. Batra KK, Marquardt ED, **Kurland G**, Anderson D, Mitsouka C: Lack of effect of probenecid on the pharmacokinetics and renal elimination of theophylline. Am Assoc Clin Chem 1983; 29:220.

5. **Kurland G**, Cheung ATW, Miller ME: Lack of neutrophil (PMN) movement into the neonatal primate lung. Clin Res 1985; 33:174A

6. Rucker R, Harwood I, Nickerson B, Nussbaum E, Davis B, Delano M, **Kurland G**, Wang CI, Dooley R, Lewiston J, Lewiston and other members of the Western Consortium of Cystic Fibrosis Physicians: Pulmonary function of adolescents and adults with cystic fibrosis. Cystic Fibrosis Club Abstracts 25th Annual Meeting 1985; 26:157.

7. **Kurland G**, Cheung ATW, Miller ME: Deficient neutrophil (PMN) movement into the neonatal primate lung. *Am Rev Respir Dis* 1985; 131:A248.
8. **Kurland G**, Cheung ATW, Miller ME, Walsh E: Deficient alveolar macrophage (AM) function and neutrophil (PMN) movement into the neonatal primate lung. *Pediatr Res* 1985; 19:408A.
9. **Kurland G**, Ayin S, Walsh E, Cheung ATW, Miller ME: Alveolar macrophage (AM) function in the developing non-human primate. *Clin Res* 1986; 34:153A.
10. Dimand RJ, Moonen CTW, Bradbury EM, **Kurland G**, Cox KL. Non-invasive determination of adipose tissue linoleic acid content in cystic fibrosis patients. *Gastroenterology* 1987; 92:1371.
11. Wu R, Lin HH, **Kurland G**, Carlson DM: Characterization of mucins secreted by cultured human airway epithelial cells from controls and cystic fibrosis patients. *Fed Proc* 1987; 46:2093.
12. Moss RB, **Kurland G**, Ayin S, Lewiston NJ, Cheung ATW: A primate model of chronic pseudomonas bronchopneumonia. *Am Rev Respir Dis* 1988; 137:318.
13. Lewiston N, Hernreid L, Lewon R, Murphey S, Harwood I, Tucker R, Duann K, Wang C, Delano M, Lewis N, Davis B, **Kurland G**. Cystic fibrosis patients who do not take vitamins: A problem of complacency or compliance? *Am Rev Respir Dis* 1988; 137:501.
14. **Kurland G**, Dauber JH. Pulmonary macrophages (PMs) from neonatal rats have deficient chemotactic response to C5a. *Am Rev Resp Dis* 1990; 141:A343.
15. Morton A, Venkataraman S, Allen J, Edwards R, **Kurland G**: Age-related differences in lipopolysaccharide (LPS)-induced neutrophilic alveolitis in rats. *Crit Care Med* 1993; 21(4): S158.
16. **Kurland G**, Dauber JH, Edwards R, Hugli TE: Deficient migration toward purified C5a by rat neonatal pulmonary macrophages (PM). *Am Rev Resp Dis* 1993; 147(4):A420.
17. Noyes BE, **Kurland G**, Orenstein DM, Fricker FJ, Armitage J: Experience with pediatric heart-lung (HLT) and lung transplant (LT) at the University of Pittsburgh. *Am Rev Resp Dis* 1993; 147(4):A607.

18. Boas SR, **Kurland G**, Noyes BE, Orenstein DM, Atlas A, Armitage J: Pneumothorax (PTX) after transbronchial biopsy (TBB) in pediatric lung (LT) and heart-lung (HLT) transplant recipients. *Am Rev Resp Dis* 1993;147(4):A607.
19. Zapletal A, Noyes BE, **Kurland G**, Orenstein D, Armitage J: Significance of lung function indices in the assessment of pediatric lung (LT) and heart-lung (HLT) transplant recipients. *Am Rev Resp Dis* 1993; 147(4):A607.
20. Singh M, **Kurland G**, Strieter RM. Sputum interleukin-8 concentrations decrease during treatment of pulmonary exacerbations in patients with cystic fibrosis (CF). *Am J Resp Crit Care Med* 1995 (April); 151(4); 2 of 2, A248.
21. **Kurland G**: Lung Transplantation: One physician's point of view. *Israel J Med Sci* 32, Supplement: S108-S109, 1996.
22. **Kurland G**: Pediatric lung transplantation. *Israel J Med Sci* 32, Supplement S150-S151, 1996.
23. Kaditis AG, Gondor M, Webber S, Towbin R, **Kurland G**: Management of obstructive airway complications following pediatric lung and heart-lung transplantation. *Am J Resp Crit Care Med* 1998; 157: A526
24. Szabolcs P, Chen X, Albert Donnenberg A, Hill M, Rowan J, McIntyre S, Barnum J, McDyer J, **Kurland G**. Immunity and Tolerance after Bilateral Orthotopic Lung Transplant (BOLT) in Tandem with a CD3+/CD19+ Depleted Vertebral Bone Marrow Transplant (BOLT+BMT) from a 1 of 8 HLA-Matched Cadaveric Donor, American Transplant Congress, June, 2018.

OTHER PUBLICATIONS

1. Mitsouka J, Anderson C, Donald A, **Kurland G**: Rapid aminophylline dosing adjustments using a programmable calculator: Case report *CSHP Voice* 1983; 10:32-34
2. Cannon RA, **Kurland G**, Pitcher J, Varrella L: Ambulatory management of cystic fibrosis with gastroesophageal reflux and failure to thrive: A team approach. *Nutritional Support Services* 1984; 4:11-13.
3. Kaback M, Zippin D, Boyd P, Cantor R, Lewiston N, Davis B, Dooley R, Giammona S, Harwood I, Kagan B, **Kurland G**, Osher A, Rucker R, Stiehm R, Wang C: Attitudes

toward prenatal diagnosis of cystic fibrosis among parents of affected children: pp. 15-28. In D.D. Lawson, (Ed) Cystic Fibrosis: Horizons. Proceedings 9th International Congress on Cystic Fibrosis, 1984. John Wiley and Sons.

4. Davis B, Delano M, Dooley R, Harwood I, **Kurland G**, Lewiston N, Lipow H, Marino J, Murphy S, Nussbaum M, Olmstead N, Osher A, Rucker R, Taussig L, Wall M: and other members of the Western Consortium of Cystic Fibrosis Physicians: Height and Weight of Cystic Fibrosis Patients. Cystic Fibrosis Abstracts 1984; 25:67 Rochester, New York

5. Eldred L, Gould R, **Kurland G**: The problem patient. A healthy newborn girl with absent breath sounds, bradycardia. Hosp Pract 1986; 21:83-84.

6. **Kurland G**: Recurrent pulmonary abscess? J Resp Dis 1986; 93-98

7. Leong AB, **Kurland G**: Why this boy's persistent cough? J Resp Dis 1987; 81-84

8. **Kurland G**: A Doctor's Case. Newsweek: April 15, 1991, p. 11.

9. Kapoor S, **Kurland G**, Tunnessen WW: Recurrent, severe wheezing in a 17-year-old: Seeking a new chord. Contemporary Pediatrics. 2000; 17(2): 27-36.

10. Vece, T and **Kurland G**. **PODCAST discussion** of An Official ATS Clinical Practice Guideline: Classification, Evaluation, and Management of Childhood Interstitial Lung Disease (chILD) in Infancy. Am Thoracic Society, August, 2013.

LETTERS TO THE EDITOR

1. Tesluk H, McCauley K, **Kurland G**, Ruebner B: Cholangiocarcinoma in an adult with cystic fibrosis. J Clinic Gastroenterol; 1991; 13:485-487

INVITED LECTURES AND TEACHING (Selected)

Invited Speaker, Cancer Caring Center, Pittsburgh, Pennsylvania: "Doctors don't get cancer, do they?"; April 12, 1995.

Faculty and Course Organizer: Pediatric Flexible Bronchoscopy, University of California, Davis, 1985 and 1986. Course Director, Robert E. Wood, M.D., Ph.D.

Medical Grand Rounds: Cystic Fibrosis; June 26, 1990, University of Nevada, Reno.

Faculty: Pediatric Flexible Bronchoscopy Course; University of North Carolina, Chapel Hill, North Carolina. Dr. Kurland has been a member of the faculty of this 4 day long course, directed by Dr. Robert E. Wood, every year since 1987.

Faculty: Third European Pediatric Flexible Bronchoscopy Course, October 19-October 23, 1993; Davos, Switzerland.

Pediatric Chest Rounds, Case Discussant: American Thoracic Society, International Meeting, Boston, Massachusetts; May 23, 1994.

Sunrise Seminar: Pediatric Lung Transplantation: Lessons Learned. American Thoracic Society, International Meeting, Boston, Massachusetts; May 24, 1994.

Pediatric Teaching Rounds: Passive Smoking and Children's Lungs; June 8, 1994, Uniontown Hospital, Uniontown, Pennsylvania.

Medical Grand Rounds: Passive Smoking and Children's Lungs; June 20, 1994, University of Nevada, Reno.

Faculty: Fourth European Pediatric Flexible Bronchoscopy Course, October 31-November 3, 1995; Davos, Switzerland.

Participant, Symposium on Pediatric Lung Transplantation; American Thoracic Society, International Conference, Seattle, Washington. "Indications and Contraindications for Pediatric Lung Transplantation" May 23, 1995.

Key Note Speech, "Doctors don't get cancer, do they?" National Cancer Survivor's Day; Westmoreland Regional Hospital, Westmoreland, Pennsylvania; June 1995.

Pediatric Grand Rounds; Pediatric Flexible Bronchoscopy; Mercy Hospital, Pittsburgh, Pennsylvania; January 30, 1996.

Co-Director, Workshop: "Using the Stethoscope: Clinical Skills Pack II", American Academy of Pediatrics; Spring Session, Chicago, Illinois, April 13, 1996.

Participant in Consensus Conference on Lung Transplantation in CF, Cystic Fibrosis Foundation; May 22-23, 1996, Washington, D.C.

X11th International Cystic Fibrosis Congress - I.C.F.(M).A.:
Symposia: Lectures: "Lung Transplantation: One Physician's Point of View", June 19, 1996. "Pediatric Lung Transplantation", Jerusalem, Israel, June 20, 1996.

LECTURE: "Pediatric Flexible Bronchoscopy" Pediatric Cardiothoracic Teaching Conference, Great Ormond Street Hospital for Sick Children, London, England, October 10, 1996.

LECTURE: "Pediatric Flexible Bronchoscopy" The First Laura Davies Memorial Lecture, Royal Manchester Children's Hospital, Manchester, U.K., October 22, 1996.

LECTURE: "Pediatric Lung and Heart-Lung Transplantation" Teaching Conference, The Wythenshawe Hospital, Wythenshawe, Manchester, U.K., October 23, 1996.

LECTURE: "The origin and evaluation of breath sounds. Two Lectures" Pediatric Housestaff Lecture Children's Hospital of Pittsburgh. March 4, May 13, 1997.

Participant in Consensus Conference on Lung Transplantation in CF, Cystic Fibrosis Foundation; May 22-23, 1996, Washington, D.C.

X11th International Cystic Fibrosis Congress - I.C.F.(M).A.:

Symposia: Lectures: "Lung Transplantation: One Physician's Point of View", June 19, 1996. "Pediatric Lung Transplantation", Jerusalem, Israel, June 20, 1996.

Faculty: Fifth European Pediatric Flexible Bronchoscopy Course, November 4-7, 1997; Davos, Switzerland.

LECTURES: "PostTransplant Pathology: Rejection vs. Infection" and "Experience in Lung Transplantation at Children's Hospital of Pittsburgh". V Symposium International de Urgencias y Cuidados Intensivos Pediatricos; Cordoba, Spain; May 20-23, 1998.

LECTURE: "Pediatric Lung Transplantation". Fifth Great Lakes Lung Conference; Niagra-on-the-Lake, Ontario, Canada; September 11-13, 1998.

LECTURE: "Pediatric Lung Transplantation". Hospital de Pediatria "Prof. Juan P. Garrahan"; Buenos Aires, Argentina; December 7, 1998.

LECTURE: "The Wheezing Infant." Pediatric House Staff noon conference, Children's Hospital of Pittsburgh. January 19, 1999.

LECTURE: "Pediatric Lung Transplantation: Current Results and Future Challenges." Pediatric Grand Rounds, Memorial-Sloan Kettering Hospital, New York City. February 11, 1999.

LECTURE: "Bronchoalveolar Lavage in Children." Sunrise Seminar, American Thoracic Society, International Meeting, San Diego, CA. April 27, 1999.

FACULTY MEMBER: Sixth European Pediatric Flexible Bronchoscopy Course, November 16-19, 1999; Davos, Switzerland.

LECTURE: "Lung and Heart-lung Transplantation in Children." Hospital Edgardo Rebagliati Martins, Lima, Peru. March 21, 2000.

LECTURE: "Pediatric Flexible Bronchoscopy". House Staff Lecture, Children's Hospital of Pittsburgh. May 23, 2000

LECTURE: "Pulmonary Complications of Pediatric Bone Marrow Transplantation". Invited Plenary Lecture, International Paediatric Respiratory and Allergy Congress. Prague, Czech Republic. April 1-4, 2001.

LECTURE: "Pulmonary Complications of Pediatric Bone Marrow Transplantation". Teaching Conference, Pediatric Hematology-Oncology Division, Children's Hospital of Pittsburgh. April 9, 2001.

LECTURE: "Pediatric Lung and Heart-Lung Transplantation". Warren Medical Society and Warren General Hospital Grand Rounds. Warren, PA, May 15, 2001.

WORKSHOP MODERATOR: "Lung Transplantation". North American Cystic Fibrosis Conference, Orlando, FL, October 25-28, 2001.

FACULTY MEMBER: Seventh European Pediatric Flexible Bronchoscopy Course, November 13-16, 2001; Davos, Switzerland.

LECTURE: "Gastroesophageal Reflux and Airway Disease in Children". Fourth International Symposium on the Pediatric Airway, Pittsburgh, PA, April 26-28, 2002.

LECTURE: "Gastroesophageal Reflux and Airway Disease in Children". Pediatric Grand Rounds, West Virginia University School of Medicine, May 1, 2002.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy course, Robert E. Wood, Ph.D., M.D. Director; Cincinnati, OH, August 25-29, 2002.

LECTURES: "Flexible Bronchoscopy of the Pediatric Patient" and "Lung Transplantation for Cystic Fibrosis: Successes, Failures, and Insights". Fourth Annual Pulmonology Days, University of Thessaly School of Medicine, Larissa, Greece, September 27-29, 2002.

LECTURE: “Lung Transplantation in Cystic Fibrosis: The Impact on Patients, Families, and Caregivers”. North American Cystic Fibrosis Conference, New Orleans, LA, October 3-6, 2002.

LECTURE: “Lung Transplantation—Psychosocial Issues”. The Third National Cystic Fibrosis Symposium, Killarney, Ireland, February 7, 2003.

LECTURES: “My Own Medicine: What I Learned on the Way to Remission”. Hematology-Oncology Conference and separate public lecture. Mayo Clinic, Rochester, MN February 27, 2003.

LECTURE: “Bronchiolitis Obliterans” in Symposium on Advances in the Diagnosis and Management of “Orphan” Diseases in Pediatric Pulmonology, American Thoracic Society International Conference, Seattle, WA, May 18, 2003.

LECTURE: “The Wheezing Infant and Child: Diagnostic Considerations”. Ambulatory Clerkship Lecture Series (Third Year Students) UPMC; September 8, 2003.

LECTURE: “Setting the Stage: Quality of Life; A Physician-Patient’s Perspective”. Quality of Life III, Translating the Science of QOL Assessment into Clinical Practice; Scottsdale, AZ; October 3, 2003.

LECTURE: “My Own Medicine: Lessons Learned en route to Remission”. The Mayo Society Lecture, Mayo Alumni Association Meeting, Scottsdale, AZ; October 3, 2003.

LECTURE: “A Patient-Physician Perspective: Lessons Learned on my Way to Remission.” The North Central Cancer Treatment Group CRA/Nurse Workshop; Rochester, MN; October 7, 2003.

LECTURE: “The Wheezing Infant: Diagnosis and Management”; Laurel Pediatrics; Uniontown, PA; October 30, 2003

LECTURE: “My Own Medicine: A Doctor’s Life as a Patient”. The Vancouver Institute, Vancouver, B.C., Canada; February 21, 2004.

LECTURE: “Bronchoalveolar Lavage in Pediatric Interstitial Lung Disease.” Pediatric Interstitial Lung Disease Conference; Cincinnati, OH, March 26-28, 2004.

LECTURE: “Creative non-fiction and the construction of an illness narrative” Invited lecture for Course: Narrative, Literature, and the Experience of Illness; 4th year Elective Course; University of Pittsburgh School of Medicine; (5 students); April 6, 2004.

LECTURE: "My Own Medicine: A Doctor's Life as a Patient" Whitehall Public Library Annual Author's Luncheon; Whitehall, PA, May 1, 2004.

LECTURE: "Common Pediatric Pulmonary Problems: Evaluation and Management". Grand Rounds, Uniontown Hospital, Uniontown, PA May 4, 2004.

LECTURE: "My Own Medicine: Lessons Learned en Route to Remission". The Chautauqua Literary and Scientific Circle; Chautauqua Institute, Chautauqua, NY. July 8, 2004.

LECTURE: "Wheezing in Infants and Children" Ambulatory Care (Third Year Medical School) Clerkship Core Lectures, three times per year (9/2004; 11/2004)

LECTURE: "My Own Medicine: Thoughts of a Physician-Patient" Young President's Organization, Pittsburgh, PA. October 15, 2004.

LECTURE: "Pediatric Lung Transplantation—The Basics" ChILD (Children's Interstitial Lung Disease) Parent's Group; Rare Lung Disease Consortium National Meeting, April 7-10, 2005.

LECTURE: "Pediatric Lung Transplantation" Cardiac Nurse Orientation, Children's Hospital of Pittsburgh August 18, 2005

FACULTY: Pediatric Flexible Bronchoscopy Course (Robert E. Wood, Ph.D, MD, Director). Cincinnati, OH Sept 19-22, 2005

LECTURE: "Pediatric Lung Transplantation: The Basics and the Referral Process" ad hoc meeting of Pediatric and Adult Pulmonology, Akron, OH Oct 5, 2005

LECTURE: "Cystic Fibrosis: Quality Care for Quality Outcomes." Pediatric Grand Rounds, St. Joseph's Children's Hospital, Paterson, NJ Oct 18, 2005.

LECTURE: "Gastroesophageal Reflux and Pulmonary Disease". Pediatric Otolaryngology Teaching Conference, Children's Hospital of Pittsburgh. Nov 17, 2005

LECTURE: "Wheezing in Infants and Children" Ambulatory Care Clerkship didactic Lecture Series. 3rd year Medical Students, UPSOM. Nov. 28, 2005

LECTURE: "Stridor in Infants and Children" Pediatric Residency Noon Lecture Series, Children's Hospital of Pittsburgh. Dec. 1, 2005.

LECTURE: "Wheezing in Infants and Children" Ambulatory Care Clerkship didactic Lecture Series. 3rd year Medical Students, UPSOM. Feb. 27, 2006

LECTURE: "Cystic Fibrosis: Quality Care for Quality Outcomes." Cystic Fibrosis Parents' Conference, Children's Hospital of Pittsburgh, April 8, 2006.

LECTURE/DISCUSSION: "My Own Medicine. Writing about receiving a diagnosis." Literature in Medicine Course, University of Pittsburgh School of Medicine, R. Kolarik, M.D. course director. April 10, 2006.

LECTURE: "Pediatric Interstitial Lung Disease: Introduction." Fellows' Didactic Lecture Series, Children's Hospital of Pittsburgh, April 13, 2006.

LECTURE: "Pediatric Lung Transplantation: The Basics" Cardiac Nurse Orientation Course. Children's Hospital of Pittsburgh. April 21, 2006.

LECTURE: "Childhood Asthma" *Ladies Who Lunch* fundraiser for CentiMark Foundation, Pittsburgh, PA. September 10, 2006.

FACULTY MEMBER AND LECTURER: (LECTURE: "My Own Medicine: A Personal Encounter with Illness"); Consortium Ethics Program, University of Pittsburgh, 17th Annual Retreat, Wheeling, West Virginia. September 15-17, 2006.

FACULTY: Pediatric Flexible Bronchoscopy Course (Robert E. Wood, Ph.D, MD, Director). Cincinnati, OH Sept 18-21, 2006

FACULTY AND COURSE CO-DIRECTOR: Advanced Pediatric Interviewing; Second Year Medical Student Course (not-for-credit); UPSOM; 6 sessions Jan. 17-Feb. 27, 2007

VISITING PROFESSOR: Post Graduate Institute for Medical Education and Research, Chandigarh, India. March 3-10, 2007. Multiples Lectures given during the week: "Pediatric Interstitial Lung Disease"; "Pediatric Flexible Bronchoscopy and Bronchoalveolar Lavage"; "Cystic Fibrosis: Basic Pathophysiology and Improvement in Care Delivery"; "Pediatric Lung Transplantation"; "My Own Medicine: Lessons Learned en Route to Remission".

LECTURE: "Cystic Fibrosis: Basic Pathophysiology and Improvement in Care Delivery"; Department of Pediatrics, Max Devkia Devi Hospital, New Delhi, India, March 10, 2007.

LECTURE: "Pediatric Lung Transplantation: The Basics" Cardiothoracic Nurses Introductory Course, Children's Hospital of Pittsburgh, March 27, 2007.

LECTURE: “Pediatric Lung Transplantation: The Basics and Otolaryngologic Complications” Pediatric ENT Lecture Series, Children’s Hospital of Pittsburgh, May 11, 2007

LECTURES: “Bronchiolitis Obliterans in the Pediatric Patient” and “Pulmonary Infiltrates in the Immunocompromised Child”. Ninth British Paediatric Respiratory Society Summer Symposium, Warwick University, June 18-19, 2007.

LECTURE: “Wheezing in Infants and Children” UPSOM 3rd year Clerkship (Ambulatory Medicine and Pediatrics); July 9, 2007 (Lecture given approximately every 2 months during academic year to 3rd year medical students)

LECTURE: “Asthma Care at the Children’s Hospital of Pittsburgh” Keynote Speaker. CentiMark Annual Golf Fundraiser, Southpointe, Pittsburgh, PA July 10, 2007

LECTURE: “Stridor”: House staff noon conference, Children’s Hospital of Pittsburgh. March 6, 2008.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course, R.E. Wood Ph.D., M.D., Director, September 15-18, 2008.

LECTURE: “Pediatric Lung Transplantation: The Basics and ‘The Controversy’” Pediatric Grand Rounds, Bridgeport Hospital, Bridgeport, CT Dec 10, 2008

LECTURE: “My Own Medicine: Lessons Learned en Route to Remission” Pediatric Grand Rounds, Yale University Medical Center, New Haven, CT Dec 10, 2008

LECTURE: “My Own Medicine: Lessons Learned en Route to Remission: Pulmonology Grand Rounds, University of Utah School of Medicine, April 16, 2009

LECTURE and VISITING PROFESSOR: Medical Writing Workshop, University of Utah School of Medicine, April 16, 2009.

LECTURE/CASE DISCUSSANT: “Hemoptysis and Bilateral Infiltrates on Chest X-Ray After Lung Transplant” Pediatric Clinical Chest Rounds; American Thoracic Society International Conference; San Diego, CA, USA; May 19, 2009

LECTURE: “Congenital Airway Anomalies”; Nurse Practitioner Student Course (NURNP 2574: Neonatal Disease Process II—Theory); School of Nursing, University of Pittsburgh. July 21, 2009.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course, R.E. Wood Ph.D., M.D., Director, Cincinnati, OH September 22-25, 2009.

LECTURE: "My Own Medicine: Lessons Learned en Route to Remission"; University of Pittsburgh Consortium Ethics Program Course, La Roche College, November 11, 2009

LECTURE: "Exercise-Induced Asthma and Vocal Cord Dysfunction" American Respiratory Alliance Asthma Course and Workshop, Heinz Field, Pittsburgh, PA, December 12, 2009.

LECTURE: "Congenital Airway Anomalies" Nurse Practitioner Student Course, School of Nursing, University of Pittsburgh; June 22, 2010

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course, R.E. Wood Ph.D., M.D., Director, Cincinnati, OH September 13-16, 2010

VISITING PROFESSOR: Stanford University. Lectures: "Interstitial Lung Disease in Infants and Children: New Approaches and New Entities" House Staff Lecture, Sept. 23, 2010. "Pediatric Lung Transplantation: Triumphs, Failures, and Controversies" Pediatric Grand Rounds, Sept. 24, 2010.

LECTURE: "My Own Medicine: Lessons Learned En Route to Remission"; Consortium Ethics Conference, High Mark Insurance, Pittsburgh, PA, Oct. 26, 2010.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course, R.E. Wood Ph.D., M.D., Director, Hospital 12 de Octubre, Madrid, Spain, Dec. 7-10, 2010

LECTURE: "Stridor in Infants and Children". Children's Hospital of Pittsburgh Pediatric House Staff Lecture, April 5, 2010.

LECTURES: "Pediatric Lung Transplantation: The Basics and The Controversies"; "My Own Medicine: Lessons Learned en Route to Remission"; and "Pediatric Lung Transplantation: A Guide for Patients and Families". Upstate Cystic Fibrosis Teaching Day and Parents Conference, State University of New York (SUNY) Syracuse, April 8-9, 2011.

WORKSHOP AND LECTURE: "Applying New ATS Consensus Guideline Recommendations for Children's Interstitial Lung Disease: Executive Summary Report" American Thoracic Society International Conference, Denver, CO, May 16, 2011.

LECTURE: “My Own Medicine: Lessons Learned en Route to Remission” Keynote Address, Leukemia & Lymphoma Society of Western Pennsylvania Breakfast Meeting. Pittsburgh, PA, May 19, 2011.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course, R.E. Wood Ph.D., M.D., Director, Cincinnati, OH, September, 2011

LECTURE: “Cardiopulmonary Interactions” at Post-Graduate Course “The Physiologic Basis of Pediatric Respiratory Diseases”, American Thoracic Society International Conference, San Francisco, CA, May 19, 2012

CO-CHAIRPERSON AND ORGANIZER: Symposium: “The Price of Progress: Lung Injury Before and After Pediatric Lung Transplantation: American Thoracic Society International Conference, San Francisco, CA, May 20, 2012.

CO-CHAIRPERSON: Mini Symposium: “Rare Pediatric Lung Disease: Expanding our Understanding” American Thoracic Society International Conference, San Francisco, CA, May 21, 2012.

LECTURE: “Congenital Airway Abnormalities”. Pediatric NICU CRNP Program. Children’s Hospital of Pittsburgh, July 17, 2012.

LECTURE: “My Own Medicine: Lessons Learned en route to Remission” Annual Humanities and Retreat, Consortium Ethics Program of the University of Pittsburgh, Oglebay Resort, West Virginia; September 28, 2012,

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R. E. Wood, PhD. M.D., Director); Cincinnati Children’s Medical Center, Cincinnati, OH, September 11-14, 2012

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R.E. Wood, PhD., M.D. and J. Anton-Pacheco, M.D., Co-Directors) Hospital 12 de Octubre, Madrid, Spain.; November 13-16, 2012

LECTURES: “Cystic Fibrosis: Treatment Strategies for Pulmonary Infection” Pediatric Grand Rounds, University of Arizona Medical Center, Tucson, AZ and “Pediatric Lung Transplantation from Dream to Reality: the ‘Basics’ and the ‘Controversy’ “ Arizona Respiratory Center Conference, University of Arizona Medical Center, Tucson, AZ December 13, 2012.

LECTURE: “Pulmonary Mechanics” , as part of Post-Graduate Course” Pediatric Respiratory Physiology: What’s Right and When it Goes Wrong”. American Thoracic Society International Conference, Philadelphia, PA May 17, 2013.

CONFERENCE ORGANIZER: The Ninth Annual chILD Conference. LECTURES: "The Clinical Approach to the Child with Diffuse Lung Disease and Suspected chILD Syndrome" and "The ATS Consensus Statement on chILD: Future Impact" Sheraton Station Square Hotel; Pittsburgh, PA June 21-23, 2013.

LECTURE: "Congenital Airway Anomalies" to Students, Neonatal Nurse Practitioner Course, July 29, 2013.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R. E. Wood, PhD. M.D., Director); Cincinnati Children's Medical Center, Cincinnati, OH, September 9-12, 2013

LECTURE: The Drew Wiltsie Lecture: "Pediatric Lung Transplantation: Advances, Controversies, and Conundrums." Children's Hospital of Pittsburgh, October 24, 2013.

LECTURE: "Cystic Fibrosis: The Basics" Procedure Center Staff Lecture, Children's Hospital of Pittsburgh, November 5, 2013.

VISITING PROFESSOR: Jake Arricale Visiting Professor in Pediatrics, The Children's Hospital, Johns Hopkins Hospital. Lectures: "My Own Medicine: Lessons Learned en route to Remission" given to Pediatric House Staff, and Grand Rounds: "The Clinical Approach to Children with Interstitial Lung Disease", Johns Hopkins University Medical Center, Baltimore, MD, January 21-22, 2014.

LECTURE: "Hypoxemia", as part of Post-Graduate Course "Pediatric Respiratory Physiology in Health and Disease". American Thoracic Society International Conference, San Diego, CA, May 17, 2014.

LECTURE: "Lung Transplantation: The Basics" Special Lecture; Pediatric Pulmonology Division, Colorado Children's Hospital, August 7, 2014.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R. E. Wood, PhD. M.D., Director); Cincinnati Children's Medical Center, Cincinnati, OH, September 15-18 2014

VISITING PROFESSOR: Division of Pediatric Pulmonology, Dept. of Pediatrics, Monroe Carell, Jr. Children's Hospital at Vanderbilt. November 6, 2014.

LECTURE: "My Own Medicine: Lessons Learned en route to Remission" Pediatric House Staff Noon Lecture, Monroe Carell, Jr. Children's Hospital at Vanderbilt. Nashville, TN. November 6, 2014

FACULTY MEMBER AND LECTURER: The 2nd Annual Conference on Contemporary Management of Aerodigestive Disease in Children. Vanderbilt University. Nashville, TN. November 7-8, 2014: Lectures given:

1. "Pediatric Lung Transplantation: Basic Concepts and Complications."
2. "Interstitial Lung Disease: Intersections with Aerodigestive Disorders: A Demonstrative Case History."
3. "Laryngotracheobronchial Problems and the Mechanically Ventilated Patient: Laryngeal and Diaphragm Complications following Lung Transplantation."

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R. E. Wood, PhD. M.D. and Juan Anton-Pacheco, Co- Directors); Hospital 12 de Octubre, Madrid, Spain, Nov. 18-21,2014.

VISITING PROFESSOR: Post Graduate Institute for Medical Education and Research, Chandigarh, India, Division of Pediatric Pulmonology (M. Singh, MD, Chief of Division). February 5-14, 2015. Activities: Met with house staff on wards and in clinics, participated in rounds/patient discussions; participated in clinical conferences; aided in bronchoscopic evaluations of patients. Met with families of patients with Cystic Fibrosis, and discussed CF and the initiation of a family-centered Foundation for CF in India. Key Lectures given during visiting professorship:

1. "My Own Medicine: Lessons Learned en route to Remission" The Saturday Lecture (Institute-Wide at PGIMER)
2. "Pediatric Lung Transplantation: Advances, Controversies, and Conundrums." Key Lecture, Indian Pediatric Association, Chandigarh .
3. "Pediatric Lung Transplantation: Advances, Controversies, and Conundrums." Special Lecture, Adult/Pediatric Pulmonology, PGIMER, Chandigarh
4. "Flexible Bronchoscopy and BAL in Pediatrics" (Basic Talk on Bronchoscopy)
5. "Bronchoalveolar Lavage in Children"
6. "Interpretation of Bronchoalveolar Lavage Results"
7. "Examples of BAL Findings"
8. "The Clinical Approach to Interstitial Lung Disease in Infants and Children."

LECTURE: "Diffusion", as part of a Post-Graduate Course entitled "The 'Art' of Pediatric Respiratory Physiology: Form and Function" ; American Thoracic Society International Meeting, Denver, Colorado, May 16, 2015

LECTURE: “Respiratory Problems in Ultramarathon Runners.” 2nd Annual Medicine & Science in Ultra-Endurance Sports Conference. Squaw Valley, CA. June 23-24, 2015.

LECTURE: “Congenital Airway Abnormalities”. Pediatric NICU CRNP Program. Children’s Hospital of Pittsburgh, July 8, 2015.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R. E. Wood, PhD. M.D., Director); Cincinnati Children’s Medical Center, Cincinnati, OH, August 21-September 3, 2015

PANELIST: “Knock Knock Who’s There: The Use of Humor in Practice”. Schwartz Rounds, Children’s Hospital of Pittsburgh, November 11, 2015

FEATURED LECTURER: Seventh Argentine Congress of Pediatric Pulmonology, Nov 18-20, 2015, Mar Del Plata, Argentina.

1. Pediatric Lung Transplantation: Basic Concepts and Complications
2. My Own Medicine: Lessons Learned en route to Remission
3. The Clinical Approach to Interstitial Lung Disease in Infants and Children

LECTURE (WEBINAR): “The Clinical Approach to Interstitial Lung Disease in Infants and Children”; Pediatric Pulmonology Consortium, Northern California Kaiser Permanente Medical Centers; December 3, 2015.

LECTURE: “Classification, Evaluation, and Management of Bronchiolitis Obliterans—What have we learned so far?” Bronchiolitis Obliterans Symposium & Workshop, Schloss Johannisberg, Geisenheim-Rheingau, Germany, February 6, 2016.

LECTURE: “My Own Medicine: Lessons Learned en route to Remission” Grand Rounds Presentation, Department of Pediatrics, Greenville Health System and Hospital, Greenville, SC February 19, 2016.

VISITING PROFESSOR: Marmara University (Istanbul, Turkey). March 28, 2016.

LECTURE: “Pediatric Lung Transplantation: Basic Concepts and Complications”.

INVITED SPEAKER: 7th Turkish Pediatric Respiratory Diseases and CF Congress; Talks: 1) Bronchoalveolar Lavage in Children. 2) Interesting Pediatric Flexible Bronchoscopy Cases. 3) The Clinical Approach to Interstitial Lung Disease in Infants and Children. Antalya, Turkey, March 30-April 2, 2016.

LECTURE: “Positive and Negative Pressure Ventilation.” as part of a Post-

Graduate Course entitled “The Physiology of Pediatric Respiratory Failure”. American Thoracic Society International Conference, San Francisco, CA, May 13, 2016.

LECTURE/SEMINAR: “Bronchiolitis Obliterans in Children: Consensus and Controversy.” Meet-the –Professor Seminar (with Alicia Casey, MD) at the American Thoracic Society International Conference, San Francisco, CA, May 16, 2016

LECTURE: “Challenges and Considerations in Pediatric Lung Transplantation.” Given as part of the Optum Health Education Conference: “A History of Transplant Excellence, A Future of Innovation. Pittsburgh, PA , May 19, 2016.

LECTURE/DISCUSSION LEADER: “ What athletic coaches can do to identify and prevent asthma in adolescent athletes.” Southwestern PA Youth Athletic Initiative Coaches’ Retreat. Pittsburgh, PA, June 5, 2016

LECTURE: “Congenital Airway Abnormalities” Neonatal Nurse Practitioner Students, University of Pittsburgh, July 27, 2016.

KEY INFORMANT and PANELIST: Course for First Year Medical Students, Univ. Of Pittsburgh School of Medicine: “Introduction to Being a Physician”, Course Director David M. Orenstein, August 23, 2016.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R. E. Wood, PhD. M.D., Director); Cincinnati Children’s Medical Center, Cincinnati, OH, September 12-15, 2016

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R.E. Wood, PhD. MD, Director; Juan Anton-Pacheco, MD. PhD Co-Director); Madrid, Spain, November 15-18, 2016

LECTURE: “Post-Infectious Bronchiolitis Obliterans: Predictive Biomarkers and Potential Trials.” European Workshop on Bronchiolitis Obliterans: Status quo and Future Directions; Schloss Johnnisberg, Geisenheim im Rheingau, Germany February 10-11, 2017

VISITING PROFESSOR: Emory University, Dept. of Pediatrics, Division of Pediatric Pulmonology. Atlanta, GA. February 27, 2017. Lectures given:

“My Own Medicine: Lessons Learned en Route to Remission”

“The Clinical Approach to Interstitial Lung Disease in Infants and Children”

“Pediatric Lung Transplantation: Basic Concepts and Complications”

LECTURE: “ ‘Kinetics’ in Medicine...a Story” Keynote Address: Gold Humanism Awards and Third Year Pinning Ceremony, University of Pittsburgh School of Medicine, May 5, 2017.

LECTURE: “The Denervated Lung: Respiratory Responses Following Transplantation” at Post Graduate Course (PG7) “Pediatric Respiratory Physiology: When It’s Normal And When It’s Not” at the American Thoracic Society International Conference, Washington D.C., May 19, 2017.

LECTURE: “Congenital Airway Abnormalities” Neonatal Nurse Practitioner Students, University of Pittsburgh, July 26, 2017.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R. E. Wood, PhD. M.D., Director); Cincinnati Children’s Medical Center, Cincinnati, OH, September 12-15, 2017

LECTURE/PANELIST : “A video game to improve drug adherence in asthmatic children.” 3’rd Integrative Conference on Technology, Social Media, and Behavioral Health, University of Pittsburgh, November 3, 2017

LECTURE: “Pediatric Lung Transplantation: The Basics”. Pulmonology Fellow Didactic Lecture Series, Dec. 12, 2017.

LECTURE: “Diffusion” at Post Graduate Course (PG12), “Pediatric Respiratory Physiology: Tests of lung function and diseases they test for.” American Thoracic Society International Conference, San Diego, CA, May 18, 2018.

LECTURE: “The Clinical Approach to Interstitial Lung Disease in Infants and Children” Children’s Hospital of Pittsburgh Pediatric House Staff Noon Conference, May 25, 2018.

LECTURE: “The Clinical Approach to Interstitial Lung Disease in Infants and Children”. Pediatric Grand Rounds, University of California, Davis; Sacramento, CA. June 23, 2017.

LECTURE: “Congenital Airway Abnormalities” Neonatal Nurse Practitioner Students, University of Pittsburgh, June 27, 2018.

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R. E. Wood, PhD. M.D., Director); Cincinnati Children’s Medical Center, Cincinnati, OH, September 11-14, 2018

WEBINAR PRESENTER: “Children’s Interstitial Lung Disease (ChILD): Where have we been and where are we going?” American Thoracic Society sponsored Webinar; Cincinnati Children’s Medical Center, Cincinnati, OH, September 15, 2018

LECTURE: “The Clinical Approach to Interstitial Lung Disease in Infants and Children” Pediatric House Staff Morning Conference, Geisinger Medical Center, Danville, PA, September 18, 2018

LECTURE: “My Own Medicine: Lessons Learned en Route to Remission”. Pediatric Grand Rounds, Geisinger Medical Center, Danville, PA, September 18, 2018.

LECTURE: “Optimizing Lung Health in Cystic Fibrosis: Strategies for Infection Management.” Pediatric Grand Rounds, Baystate Children’s Hospital, Springfield, MA, December 4, 2018

LECTURE: “Dynamic airway evaluation for tracheobronchomalacia with flexible bronchoscopy.” Followed by Panel Discussion of Airway Evaluation techniques. 24th ENT Symposium: Challenges and Controversies in Pediatric Otolaryngology.” Children’s Hospital of Pittsburgh, February 1, 2019

LECTURE: “The Clinical Approach to Interstitial Lung Disease in Infants and Children.” House Staff Noon Lecture, Children’s Hospital of Pittsburgh, February 5, 2019.

LECTURE: “Challenges in Classifying Bronchiolitis Obliterans” 3rd International Workshop on Bronchiolitis Obliterans, Oestrich-Winkel, Germany , February 22-23, 2019.

LECTURE: “A (Short) ‘History’ of Pediatric Pulmonology/Pulmonary Physiology” given as part of Post-Graduate Course (PG19) “Respiratory Physiology Over the Lifespan: When It’s Right and When It’s Not” American Thoracic Society International Conference, Dallas, TX, May 18, 2019.

LECTURE “My Own Medicine: Lessons Learned en Route to Remission” Pediatric Grand Rounds, UC Davis Medical Center, Sacramento, CA, June 28, 2019.

LECTURE: “Congenital Airway Abnormalities” Children’s Hospital of Pittsburgh NICU CRNP Student Lecture, Pittsburgh, PA, July 10, 2019

FACULTY MEMBER: Pediatric Flexible Bronchoscopy Course (R. E. Wood, PhD. M.D., Director); Cincinnati Children’s Medical Center, Cincinnati, OH, September 10-13, 2019 Three separate lectures as well as hands-on lab teaching for two days during the course.

LECTURE: "Optimizing Lung Health in Cystic Fibrosis: Strategies for Infection Management." Pulmonology Fellows Didactic Conference, Children's Hospital of Pittsburgh Oct 1, 2019.

SERVICE

Hospital Committees

1990-93	Product Evaluation Committee
1995	Respiratory Therapy Utilization Committee Vision 2001 Co-Chairman
1996-2005	General Clinical Research Center Advisory Committee

University Service

1994-1996	Served as F.A.S.T. (Faculty and Students Together) Advisor to first and second year medical students.
1998--	Interviewer for Medical School Applicants, University of Pittsburgh
1999:	Member of Search Committee for Division Chief, Pediatric Gastroenterology
2000	Member of Search Committee for Division Chief, Pediatric Cardiology
2000	F.A.S.T. Advisor
2002	Member of Search Committee for Division Chief, Pediatric Pulmonology

Local/ National/International Service

- American Lung Association – Sacramento/Emigrant Trails
Board of Directors: 1983-1988
- 1997-1999 Member, Long Range Planning Committee, Pediatric Assembly,

American Thoracic Society.

- 1999: Chairman, Manpower Subcommittee, Pediatric Assembly, American Thoracic Society
- 1987-present Medical Volunteer, Western States 100 Mile Endurance Run, Sierra Mountains, California
- 1998 Medical Volunteer, Laurel Highlands Trail 70 Mile Run
- 2004-Present: Member, Pediatric Interstitial Lung Disease Consortium (Sponsored by the American Thoracic Society)
- July 2009: Staff Member, Jerome Bettis/Children's Hospital of Pittsburgh Youth Asthma Camp, Pittsburgh, PA
- 2010- 2015 Member, Pediatric Pulmonology Sub-Board of the American Board of Pediatrics. Member of Credentials Subcommittee
- 2010: Member, Pediatric Planning Committee, American Thoracic Society
- Member, United Network for Organ Sharing (UNOS) Lung Review Board, 2010-2014
- Member, Board of Directors: American Lung Association, Mid-Atlantic July, 2017-

JOURNAL EDITORIAL BOARDS AND REVIEWER:

Journal of Pediatric Transplantation (Associate Editor, Lung Transplantation) through 2014.

American Journal of Respiratory and Critical Care Medicine (Reviewer)

American Review of Diseases of Children (Reviewer)

Pediatric Pulmonology (Reviewer)

Journal of Pediatrics (Reviewer)

Journal of Heart and Lung Transplantation (Reviewer)

National Institutes of Health (Secondary *ad hoc* Reviewer)

American Journal of Respiratory Medicine (Reviewer)

Invited Abstract Reviewer: American Society of Transplant Physicians; American
Society of Transplant Surgeons

Invited Abstract Reviewer: American College of Chest Physicians

Invited Abstract Reviewer: North American Cystic Fibrosis Conference

QUESTION WRITER

1989, 1992, 1995 - Certifying exam in Pediatric Pulmonology, American Board of
Pediatrics, Inc.

P: GKCV