

# CURRICULUM VITAE

## **Edward B. Lewin, M.D.**

### CONTACT DATA:

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### EDUCATION:

1962 A.B. Princeton University  
Magna Cum Laude

1966 M.D. New York University School of Medicine  
Alpha Omega Alpha  
Founder's Day Award

### TRAINEESHIP:

1966–1967 Intern in Medicine, Yale-New Haven, New Haven, Connecticut

1967–1969 Surgeon, U.S. Public Health Service. Respiratory Virology Unit  
Laboratory Branch, National Communicable Disease Center,  
Atlanta, Georgia.

1969–1970 Resident in Pediatrics, Duke University Medical Center, Durham,  
North Carolina

1970–1971 Chief Resident in Pediatrics, Duke University Medical Center,  
Durham, North Carolina

1971–1973 Research Fellow in Medicine, Harvard Medical School, Research  
Fellow

Thorndike Memorial Laboratory (Infectious Diseases)  
Clinical Fellow, Harvard Medical Service, Boston City Hospital

BOARD CERTIFICATION:

1967            Diplomate, National Board of Medical Examiners  
1972            Diplomate, American Board of Pediatrics

MEMBERSHIPS:

Principal Investigator, Vaccine Education Project  
Alpha Omega Alpha  
Infectious Diseases Society of America  
American Society of Microbiology  
Pediatric Infectious Disease Society  
American Academy of Pediatrics  
Board of Trustees, National Foundation for Infectious  
Diseases  
Actors' Equity Association

ACADEMIC APPOINTMENTS:

2013-Present    Research Professor, Milkin Institute of Public Health, George  
Washington University School of Medicine  
2012-Present    Adjunct Professor of Pediatrics  
Georgetown University School of Medicine  
2003–Present    Associate Clinical Professor of Pediatrics  
Robert Wood Johnson School of Medicine, UMDNJ

- 1994–Present    Lecturer in Pediatrics, Department of Pediatrics  
Columbia University College of Physicians and Surgeons
- 1984–1992    Associate Clinical Professor of Pediatrics and Communicable  
Diseases - University of Michigan School of Medicine,  
Ann Arbor, Michigan
- 1979–1983    Associate Professor of Pediatrics and Medicine –  
Albany Medical College,  
Albany, New York
- 1974–1979    Assistant Professor of Pediatrics and Medicine -  
University of Rochester School of Medicine and Dentistry,  
Rochester, New York
- 1973–1974    Assistant Professor of Pediatrics -  
University of Rochester School of Medicine and Dentistry,  
Rochester, New York

PROFESSIONAL ACTIVITIES AND HOSPITAL APPOINTMENTS:

- 2017 - Present, Consultant in Infectious Diseases, American College Health Association
- 2017 - Present Consultant, CDC National Center for Immunization and Respiratory Diseases (NCIRD) College Outbreak Survey
- 2013 – Present Principal Investigator, Vaccine Education Project
- 2011 – Present Adjunct Professor of Pediatrics, Georgetown University School of Medicine  
Principal Investigator, “Vaccine Education Project”
- 2009-2010 Pediatric infectious diseases physician and consultant, Inova Fairfax Hospital for Children
- 2008 Staff Pediatrician Nighttime Pediatrics, Maryland
- 2006 – 2007 Senior Director, Medical Affairs (Infectious Diseases) Medimmune, Inc. Gaithersburg, MD.
- 2006 – 2007 Member, Policy, Practice and Communication Working Group, Influenza Vaccine Supply International Task Force, Geneva, Switzerland, IFPMA
- 2004 – 2005 Special Assistant to the Dean, New York College of Osteopathic Medicine
- 2001– 2003 Senior Medical Consultant (Bioterrorism Defense), Richard P. Keeling and Associates
- 1999 – 2001 Director, Division of Pediatric Infectious Diseases St. Luke’s-Roosevelt and Beth Israel Hospital Centers, New York

- 1997 – 1998 Consultant, Infectious Diseases, Department of Pediatrics,  
New York Methodist Hospital, Brooklyn, New York
- 1994 – 1996 Sabbatical
- 1993 – 1994 Pediatrician-in-Chief, Mary Imogene Bassett Hospital,  
Cooperstown, New York
- 1992 – 1993 Vice President for Medical Affairs, North American  
Vaccine, Inc.  
Beltsville, Maryland
- 1991 – 1992 Sabbatical
- 1987 – 1991 Medical Advisor, Foster Care Program for Infants with  
AIDS,  
Catholic Social Services,  
Detroit, Michigan
- 1983 – 1991 Head, Division of Pediatric Infectious Diseases - Henry Ford  
Hospital, Detroit, Michigan
- 1981 – 1983 Coordinator, Medicine-Pediatric Residency Training  
Program –  
Albany Medical College, Albany, New York
- 1981 – 1983 Coordinator, Medicine-Pediatric Residency Training  
Program –  
Albany Medical College,  
Albany, New York
- 1979 – 1983 Chief, Department of Pediatrics,  
Ellis Hospital Schenectady, New York
- Consulting Physician, Albany Medical Center Hospital,  
Albany, New York
- Consulting Physician, Bellevue Maternity Hospital,  
Schenectady, New York

- 1974-1979      Director, Pediatric Infectious Disease Unit - Strong Memorial Hospital, Rochester, New York
- Associate Pediatrician and Physician - Strong Memorial Hospital, Rochester, New York
- 1973-1974      Director, Pediatric Infectious Disease Unit, Strong Memorial Hospital, Rochester, New York

HONORS AND AWARDS:

Princeton University:  
Magna Cum Laude  
New York University School of Medicine:  
William Linder Award  
Founder's Day Award  
Alpha Omega Alpha

EDITORIAL:                      Editorial Consultant, Merck Manual 1979-1990

PUBLICATIONS:

A.      Original Peer-Reviewed Articles

1. Reichek N., Lewin EB, Rhoden DL, Weaver RR, and Crutcher JC: Antibody responses to bacterial antigens during exacerbations of chronic bronchitis. American Review of Respiratory Disease 101:328, 1970.

2. Lewin EB, Klein JO, and Finland M: Co-trimoxazole absorption, excretion, and toxicity in six children. Journal of Infectious Diseases 128(Supp):S618, 1973.
3. Ch'ien LT, Whitley RJ, Nahmias AJ, Lewin EB: Antiviral chemotherapy and neonatal herpes simplex virus infection. A pilot study; experience with adenosine arabinoside (ARA-A). Pediatrics 55:678, 1975
4. Ch'ien LT, Whitley RJ, Alford CA Jr., Galasso GJ, and the Collaborative Study Group Adenosine arabinoside for the therapy of herpes zoster in immunosuppressed patients: Preliminary results of collaborative study. Journal of Infectious Diseases 133(Supp):A184, 1976
5. Gerber M., Lewin EB, Gerety R, and Le CT: Transmissibility of hepatitis B in a special care nursery. Journal of Pediatrics 91:120, 1977
6. Le CT and Lewin EB: Teichoic acid serology in staphylococcal infection of infants and children. Journal of Pediatrics 93:572, 1978.
7. Glode MP, Lewin EB, and Le CT: Comparative immunogenicity of Group C N. meningitidis O-acetyl positive and )-acetyl negative varieants and Escherichia coli K92 capsular polysaccharides in adult volunteers. Journal of Infectious Diseases, 139: 52, 1979
8. Hoekelman RA, Lewin EB, Shapira MA and Sutherland SA: Potential bacteremia in pediatric practice. Am. J. Dis. Child. 133:1017, 1979.
9. Amstey MS and Lewin EB: Vaginal colonization with invasive E. Coli during pregnancy. American Journal of Obstetrics and Gynecology 137:534, 1980.

Lewin EB and Amstey MS: Natural history of Group B streptococcal colonization during pregnancy: Effect of

penicillin G. American Journal of Obstetrics and Gynecology 139:512, 1981.

Steinhoff MC, Lewin EB, Gotschlich EC, and Robbins J: Group C N. meningitidis variant polysaccharide vaccines in children. Infection and Immunity 34:14, 1981.

10. Penn RL, Lewin EB, and Douglas RG: Antibody responses in adult volunteers to pneumococcal types 19F and 19A administered singly and in combination. Infection and Immunity, 1983 36:1262, 1982.
11. Chayt KJ, Harper ME, and Lewin EB: Detection of HTLV-III RNA in lungs of patients with the acquired immunodeficiency syndrome and pulmonary involvement. JAMA 256:2356, 1986.
12. Paradiso PR, Hildreth SW, Hogerman DA, Speelman DJ, Lewin EB, Oren J and Smith DH: Safety and immunogenicity of a subunit respiratory syncytial virus vaccine in children 24-48 months old. Pediatric Infectious Disease Journal 13:792, 1994
13. Lewin, EB, Levy, DJ, Pediatricians' Attitudes towards Influenza Immunization in Children (accepted for publication, Pediatrics, 2008)
14. Lewin, E.B., , Schaffner, W., King, JC, Longini, IM, Lott, J, D'Agostino, D, Fishbane, M, School Immunization for Influenza: A New Paradigm (in preparation)
15. Levy, DJ, Ambrose, CS, Oleka, N , Lewin, EB A survey of pediatricians' attitudes regarding influenza immunization in children, BMC Pediatrics 9:8, 2009



B. Case Reports:

1. Bach MC, Lewin EB, Sheaf ET, Schwartz L, and DeBakey ME: Localization of endovascular infection by selective catheterization with serial cultures. Journal of Thoracic and Cardiovascular Surgery 69:277, 1975.
2. Amstey MS, Lewin EB, and Meyer MR: Herpes virus infection in the newborn: Its treatment by exchange transfusion and adenosine arabinoside. Obstetrics and Gynecology 47(Supp):S355, 1976.
3. Rabinowitz R and Lewin EB: Gangrene of the genitalia in association with Pseudomonas aeruginosa bacteremia. Journal of Urology 124:431, 1980.

C. Reviews, Chapters and Editorials:

1. Lewin EB: Upper respiratory tract infection in children. I. The common cold and non-streptococcal pharyngitis. Update International Jan. 1975
2. Lewin EB: Upper respiratory tract infection in children. II Streptococcal pharyngitis Update International Feb, 1975.
3. Lewin EB: Partially treated meningitis American Journal of Diseases of Children 129:145, 1974.
4. Lewin EB: Book Review: Sell SHW and Karzon DT, "Hemophilus influenzae" Vanderbilt University Press. 1973. American Journal of Diseases of Children 127:919, 1974.
5. Lewin EB: Sections of "Neonatal Sepsis," "Congenital Rubella," and "Fever of Unknown Origin," Merck Manual. 13th Edition, 1976.

6. Lewin EB: Book Review: Nelson JD. "Pocketbook of Pediatric Antimicrobial Therapy" Lippincott Company American Journal of Diseases of Children 130:105, 1976.
7. Lewin EB: Sections on "The Common Cold" "Pharyngitis" "Otitis Media and "Mastoiditis" "Sinusitis" and "Juxtapharyngeal Infections" in Hoekelman RA, Blattman S, Brunell PA, Friedman SG, and Siedel HM, Principles of Pediatrics: Health Care of the Young, McGraw-Hill, 1978
8. Lewin EB: Sections on "Neonatal Sepsis," "Neonatal Meningitis," "Young Infant as a Compromised Host," and "Fever of Unknown Origin in Infants and Children" Merck Manual, 14th edition, 1982.
9. Lewin EB: Guidelines for antibiotic prophylaxis in the surgical patient. Critical Care Monitor July/August, 1984.
10. Lewin EB: "Epiglottitis (Supraglottitis): In Current Therapy in Infectious Diseases 2. Kass E & Platt R. Publisher: B.C. Decker, Inc., 1986.
11. Lewin EB: Sections on "Neonatal Sepsis," "Neonatal Meningitis," and "Fever of Unknown Origin in Infants and Children." Merck Manual 15th Edition, 1986.
12. Lewin EB: Sections on "Neonatal Sepsis," "Neonatal Meningitis," and "Fever of Unknown Origin in Infants and Children." Merck Manual 16th Edition, 1989.
13. Lewin EB: Sections on "Neonatal Sepsis," "Neonatal Meningitis," and "Fever of Unknown Origin in Infants and Children." Merck Manual, 6<sup>th</sup> Edition, 1992
14. Editorial: A Paradigm for the Control of Influenza, *Journal of Infectious Disease*, 202: 1619-1622, 2010

D. Abstracts

1. Lewin EB, Klein JO, and Finland M: Co-trimoxazole absorption, excretion, and toxicity in six children. Pediatric Research 7:320, 1973.
2. O'Connell DM, Lewin EB, and Huber GL: Effects of steroids and oxygen in experimental kerosene ingestion. Pediatric Research 7:430, 1973
3. Lewin EB: Pharmacology of co-trimoxazole in infants and children. Wellcome Foundation Symposium on "Combination chemotherapy of infectious diseases." Toronto, Ontario, Canada, March 1975.
4. Lewin EB: Pharmacokinetics and toxicology of trimethoprim/sulfamethoxazole in infants and children. 9th International Congress of Chemotherapy. Imperial College of Science and Technology. London, England. July 16, 1975.
5. Lewin EB, Fralonardo S, Robertson RG, and Simon S: Communicability of H.influenza b from epiglottitis. Pediatric Research 9:297, 1975.
6. Lewin EB, Chuimento SF, Colaice JC, and Klein JO: Pharmacokinetics of co- trimoxazole in infants and children. Pediatric Research 10:332, 1975.
7. Lewin EB, Green J, and Chuimento SP: Response of young infants to polyribophosphate (PRP) vaccine. Pediatric Research 10:400, 1976.

8. Lewin EB, Le CT, and Chuimento SF: Communicability of H. influenzae B from meningitis. Pediatric Research 10:401, 1976.
9. Lewin EB, Chuimento SF, Steward S. and De Weese JA: Pharmacokinetics of cefazolin and kanamycin during bypass cardiac surgery in children and adults. 16th Interscience Conference on Antimicrobial Agents and Chemotherapy, 1976.
10. Le CT and Lewin EB: Teichoic acid serology in various staphylococcal coagulase positive infections in infants and children. Pediatric Research 11:502, 1977.
11. Gerber MA, Lewin EB, Gerety RJ and Le CT: Transmissibility of Type B Hepatitis in a Special Care Nursery. Pediatric Research 11:435, 1977.
12. Lewin EB and Le CT: Pharmacokinetics of amikacin in children. Pediatric Research 11:418, 1977.
13. Lewin EB: Pharmacokinetics and toxicity of intravenous co-trimoxazole. 10th International Congress of Chemotherapy, Zurich, Switzerland, September 22, 1977.
14. Amstey MS, Lewin EB, and Colaice JD: Vaginal colonization by group B beta hemolytic streptococcus and E coli K1 in pregnancy. Pediatric Research 12:1978
15. Hoekelman RA, Lewin EB, Shapira M, and Sutherland SA: The incidence of potential occult bacteremia in pediatric practice. Ambulatory Pediatric Association, Program and Abstracts. 18th Annual Meeting. April 24-25, 1978. New York.
16. Glode MP, Lewin EB, Le CT, Sutton A, Gotschlich ECP, and Robbins JB: Comparative immunogenicity of group C Neisseria meningitidis variants and Escherichia coli K92 capsular polysaccharides in adult volunteers. 18th

Interscience Conference on Antimicrobial Agents and Chemotherapy. 1978.

17. Steinhoff MC, Lewin EB and Gotschlich ECP: Group C N. meningitidis polysaccharide vaccines in children. Society for Pediatric Research. San Antonio, Texas, April 1980.
18. Lewin EB and Amstey MS: Natural history of group B streptococcus colonization and its therapy during pregnancy. International Synopses. June 1982.
19. Lewin EB and Rockwell D: Dynamics of aminoglycoside resistance in a community hospital serving cancer patients. Second International Symposium on Infections in the Immunocompromised Host. Stirling, Scotland, June 1982.
20. Lewin EB, and Rockwell D: Dynamics of aminoglycoside resistance in a community hospital serving cancer patients. XIII International Congress of Chemotherapy. Vienna, Austria, August 1983.
21. Lewin EB: Antibiotic prophylaxis in the surgical patient. Ellis Hospital, Albany Medical College Critical Care Symposium. Albany, New York 1984.
22. Lewin EB: Antimicrobial selection in life-threatening bacterial infections. Ellis Hospital, Albany Medical College Critical Care Symposium. Albany, New York 1984.
23. Lewin EB, Zack R. and Ayodele A: Communicability of AIDS in a foster care setting. International Conference on Acquired Immunodeficiency Syndrome. Atlanta, Georgia, April 1985.
24. Lewin EB and Zack R: Colonization and infection related to contaminated enteral feedings. Pediatric Research. 19:300A, 1985.

25. Lewin EB and Zack R: Contaminated enteral feedings as a source of sepsis in the Special Care Newborn Nursery. Association for Practitioners in Infection Control. 12th Annual Educational Conference, May 1985.
26. Lewin EB, Ho KL, Preston G, Meacham H, and Scheld WM: Histopathology of experimental bacterial meningitis in rabbits. 26th Interscience Conference on Antimicrobial Agents and Chemotherapy and Infectious Diseases Society of America. New Orleans, Louisiana, September 1986.
27. Lewin EB, Preston G, Meacham H, Smith M, and Scheld WM: <sup>31</sup>P NMR spectroscopy in experimental bacterial meningitis in rabbits. 26th Interscience conference on Antimicrobial Agents and Chemotherapy and Infectious Diseases Society of America, New Orleans. Louisiana, September 1986.
28. Lewin EB, Preston G, Ho KL, Meacham H, Walton D, Scheld WM, and Smith M: <sup>31</sup>P NMR spectroscopic and histopathologic studies of experimental meningitis in rabbits. 3rd Pan American Congress of Infectious Diseases and Chemotherapy. Puerto Rico, December 1986.
29. Lewin EB, Ho KL, Preston G, Meacham H, Scheld WM: Histopathology of experimental bacterial meningitis in rabbits. Society for Pediatric Research. Anaheim, California, April 1987.
30. Lewin EB, Preston G, Meacham H, Walton D, Smith M, Scheld WM: <sup>31</sup>P MNR spectroscopy in experimental bacterial meningitis in rabbits. Society for Pediatric Research. Anaheim, California, April 1987.
31. Kuder JM, and Lewin EB: an economic evaluation of substituting in-home antibiotic services for in-hospital therapy in the treatment of children. Atlantic Economic Society Meeting. 1988.

- 32.**Lewin EB, Orbach S, Meacham H, and McCormick L: Psychosocial aspects of in-hospital vs home IV antibiotic therapy in children. 28th Interscience Conference on Antimicrobial Agents and Chemotherapy and Infectious Diseases Society of America. Los Angeles, California, 1988.
- 33.**Lewin EB, Kuder J, and Meacham H: A prospective study of the costs of home vs in-hospital IV antibiotic therapy for infants and children. 28th Interscience Conference on Antimicrobial Agents and Chemotherapy, Infectious Diseases Society of America. Los Angeles, California, 1988.
- 34.**Lewin EB, Kuder J, et al: A prospective cost: benefit study of in-home IV Antibiotic therapy in infants and children. 117th Annual Meeting American Public Health Association, Chicago, Illinois, 1989.
- 35.**Lewin EB, Hildreth SW, Hogerman DA, et al: Evaluation of a subunit vaccine for RSV in toddlers: acute and long-term clinical safety. 29th Interscience Conference on Antimicrobial Agents and Chemotherapy and Infectious Diseases Society of America. Houston, Texas, 1989
- 36.**Hildreth SW, Cimino DC, Phipps DA, Hogerman DA, and Lewin EB: Evaluation of a subunit vaccine for RSV in toddlers: Immunogenicity study. 29th Interscience Conference of Antimicrobial Agents and Chemotherapy and Infectious Diseases Society of America. Houston, Texas, 1989.
- 37.**Lewin, EB, Levy, DJ Pediatricians' Attitudes toward Influenza Immunization in Children, PAS, Honolulu, Hawaii, 2008
- 38.**Lewin, EB The Vaccine Education Project, National Foundation for Infectious Diseases Research Conference, April, 2014

March, 2018