

BIOGRAPHICAL SKETCH

NAME Edwards, Kathryn M.		POSITION TITLE Professor	
eRA COMMONS USER NAME edwardkm			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Grinnell College, Grinnell, Iowa		1967	Chemistry
University of Iowa College of Pharmacy		1969	Pharmacy
University of Iowa College of Medicine Iowa City,	MD	1973	Medicine

A. Positions and Honors**Positions and Employment**

- 1973 – 1978 Pediatric Residency and Fellowship in Infectious Diseases, Children's Memorial Hospital, Northwestern University School of Medicine, Chicago, Illinois
- 1978 – 1980 Postdoctoral Fellow and Instructor in Immunology, Rush Medical School, Presbyterian St. Luke's Hospital, Chicago, Illinois
- 1980 – 1986 Assistant Professor of Pediatrics, Division of Infectious Diseases, Vanderbilt University School of Medicine, Nashville, Tennessee
- 1986 – 1991 Associate Professor of Pediatrics, Division of Infectious Diseases, Vanderbilt University School of Medicine, Nashville, Tennessee
- 1991 – pres Professor of Pediatrics, Division of Infectious Diseases, Vanderbilt University School of Medicine, Nashville, Tennessee
- 2001 – pres Vice Chair, Pediatric Clinical Research Office, Vanderbilt University School of Medicine, Nashville, Tennessee

Honors

- 1991 – 1995 Member Advisory Committee Immunization Practices: CDC
- 1995 – 2000 Pediatric Infectious Disease Society Council, Secretary-Treasurer
- 1996 American Academy of Pediatrics, Member, Section on Infectious Diseases
- 1996 – 2001 Member Advisory Committee of the FDA, Vaccines and Related Biological Products
- 1999 Distinguished Alumni Award, University of Iowa College of Medicine
- 2001 – pres Member Institute of Medicine Committee on Anthrax Vaccine
- 2003 – pres Member of the Infectious Disease Society of America Governing Council

B. Selected Peer-Reviewed Publications (in chronological order)

- Rennels MB, Deloria MA, Pichichero ME, Losonsky GA, Englund JA, Meade BD, Anderson EL, Steinhoff MC, and Edwards KM. Extensive swelling after booster doses of acellular pertussis-tetanus-diphtheria vaccines. *Pediatrics*;105:e12, 2000.
- Black S, Shinefield H, Fireman B, Lewis E, Ray Paula, Hansen JR, Elvin L, Ensor KM, Hackell J, Siber G, Malinoski F, Madore D, Chang I, Kohberger R, Watson W, Austrian R, Edwards K, and the Northern California Kaiser Permanente Vaccine Study Center Group. Efficacy, safety and immunogenicity of heptavalent pneumococcal conjugate vaccine in children. *Pediatric Infect Dis J*;19:187, 2000.

3. Waites K, Johnson C, Gray B, Edwards K, Crain M, Benjamin, Jr., W. Use of clindamycin disks to detect macrolide resistance mediated by *ermB* and *mefE* in *Streptococcus pneumoniae* isolates from adults and children. *J Clin Micro*, 38:5, 1731, 2000.
4. Hanekom WA, Heald LM, Hussey GD, Yogev R, Edwards KM, Gould-Chadwick, E. Effect of vitamin A therapy on serologic responses and viral load changes after influenza vaccination in children infected with the human immunodeficiency virus. *J Pediatr*;136:4;550, 2000.
5. Peters TR, Edwards KM. The pneumococcal protein conjugate vaccines. *J Ped*;37(3):416, 2000.
6. Edwards, KM. State Mandates and Childhood Immunization. *JAMA* 284;3171, 2000.
7. Rennels MB, Edwards KM, Keyserling HL, Reisinger K, Blatter MM, Quataert SA, Madore DV, Chang I, Malinoski FJ, Hackell JG, Paradiso PR. Safety and immunogenicity of four doses of Neisseria meningitidis group C vaccine conjugated to CRM197 in United States Infants. *Pediatr Infect Dis J*. 20:153-9, 2001.
8. Neuzil KM, Edwards KM, Reed GW. Seroepidemiology of pertussis in senior adults. *Clin Infect Dis*. 32(5):847-8, 2001.
9. Strebel P, Nordin J, Edwards K, Hunt J, Besser J, Burns S, Amundson G, Baughman A, Wattigney W. Population-based incidence of pertussis among adolescents and adults, Minnesota, 1995-1996. *J Infect Dis*. 2001 May 1;183(9):1353-9.
10. Robinson DA, Edwards, KM, Waites KB, Briles DE, Crain MJ, Hollingshead SK. Clones of *Streptococcus pneumoniae* isolated from nasopharyngeal carriage and invasive disease in young children in central Tennessee. *J Infect Dis*. 183:1501-7, 2001.
11. Kaplan SL, Patterson L, Edwards KM, Azimi PH, Bradley JS, Blumer JL, Tan TQ, Lobeck FG, Anderson DC. Linezolid for the treatment of community-acquired pneumonia in hospitalized children. Linezolid Pediatric Pneumonia Study Group. *Pediatr Infect Dis J*. 2001 May;20(5):488-94.
12. Edwards KM, Poehling KA. Influenza virus continues to pose new challenges. *Pediatrics*. 2001 Oct; 108(4):1004-5.
13. Poehling KA, Speroff T, Dittus RS, Griffin MR, Hickson GB, Edwards KM. Predictors of influenza virus vaccination status in hospitalized children. *Pediatrics*. 2001 Dec;108(6):99.
14. Neuzil KM, Dupont WD, Wright PF, Edwards KM. Efficacy of inactivated and cold-adapted vaccines against influenza A infection, 1985 to 1990: the pediatric experience. *Pediatr Infect Dis J*. 2001 Aug;20(8):733-740.
15. Edwards KM, Cynamon MH, Voladri RKR, Hager CC, DeStefano M.D., Tham KT, Lakey DL, Bouchan MR, Kernodle DS. Iron-cofactored superoxide dismutase inhibits host responses to *Mycobacterium tuberculosis*. *Am J Respir Crit Care Med* 2001;164:2213-2219.
16. Halasa NB, Barr FE, Johnson JE, Edwards KM. Fatal pulmonary hypertension associated with pertussis in infants: does extracorporeal membrane oxygenation have a role? *Pediatrics*. 2003 Dec;112:1274-8.
17. Edwards KM, Griffin MR. Great expectations for a new vaccine. *N England J Med*. 2003 Oct 2;349(14):1312-4.
18. Erdman DD, Weinberg GA, Edwards KM, Walker FJ, Anderson BC, Winter J, Gonzalez M, Anderson LJ. GeneScan reverse transcription-PCR assay for detection of six common respiratory viruses in young children hospitalized with acute respiratory illness. *J Clin Microbiol*. 2003 Sep;41(9):4298-303
19. Edwards KM. Pertussis: an important target for maternal immunization. *Vaccine*. 2003 Jul 28;21(24):3483-6.
20. Talbot TR, Bredenberg HK, Smith M, LaFleur BJ, Boyd A, Edwards KM. Focal and generalized folliculitis following smallpox vaccination among vaccinia-naive recipients. *JAMA*. 2003 Jun 25;289(24):3290-4.
21. Halasa NB, Griffin MR, Zhu Y, Edwards KM. Decreased number of antibiotic prescriptions in office-based settings from 1993 to 1999 in children less than five years of age. *Pediatric Infectious Diseases J*. 2002 Nov;21(11):1023-8.
22. Poehling KA, Szilagyi PG, Edwards KM, Mitchel E, Barth R, Hughes H, Schaffer SJ, Schwartz B, Griffin MR. *Streptococcus Pneumoniae*-related Illnesses in Young Children: Secular Trends and Regional Variation. *Pediatric Infectious Disease Journal* 2003; 22:391-394.

C. Research Support

Ongoing Research Support

M01 RR0095 (Wood) PI 12/01/97-11/30/07
Clinical Research Center
General Clinical Research Center
Role on Project: Associate Director

CDC U01 IP000022 (Edwards) 09/30/04-09/29/09
Enhances Surveillance for New Vaccine Preventable Diseases
Role: PI

K12 RR017697 (Brown) 09/30/02-7/31/07
NIH/NCRR
Vanderbilt Mentored Clinical Research Scholar Program

Completed Research Support

N01 AI-25462 (Edwards) 06/01/02-05/31/07
NIH-NIAID
Evaluation of control measures against diseases other than AIDS
Role: PI

CDC 200-2002-00732 (Edwards Kathryn M) PI 10/01/02-09/30/05
Clinical immunization safety assessment