

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed on Form Page 2.
Photocopy this page or follow this format for each person.

NAME		POSITION TITLE	
E. Richard Stiehm, M.D.		Professor of Pediatrics	
EDUCATION/TRAINING (<i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i>)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
U. Wisconsin, Madison	B.S.	1954	Medical Science
U. Wisconsin, Madison	M.D.	1957	Medicine
U. Wisconsin, Madison	Grad School	1958-1959	Physiological Chemistry
U. California, San Francisco	Fellowship	1963-1965	Immunology

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. If the list of publications in the last three years exceeds two pages, select the most pertinent publications. **DO NOT EXCEED TWO PAGES.**

PROFESSIONAL EXPERIENCE:

1957-1958: Intern, Philadelphia General Hospital; **1958-1959:** Postdoctoral Fellow, Physiological Chemistry, U. Wisconsin; **1959-1961:** Medical Officer, U.S. Naval Reserve, Johnsville, PA; **1961-1963:** Pediatric Resident, Babies Hospital, New York; **1963-1965:** Research Fellow, Pediatric Immunology, U. California San Francisco; **1965-1968:** Assistant Professor of Pediatrics, U. Wisconsin; **1968-1969:** Associate Professor of Pediatrics, U. Wisconsin; **1969-1972:** Associate Professor of Pediatrics, UCLA, Chief, Division of Immunology/Allergy/Rheumatology; **1972-Present:** Professor, UCLA; **1978-1987:** Associate Director, UCLA Center for Interdisciplinary Research in Immunologic Diseases; **1981-1982:** Visiting Scientist, Metabolism Branch, National Cancer Institute, Bethesda, MD; **2000** Visiting Professor, Institute for Child Health London, **2004**, U Wisconsin Dept of Pediatrics **1982-1988:** Co-Director, UCLA Cystic Fibrosis Center; **1988-1998:** Co-Director, Los Angeles Pediatric AIDS Treatment Consortium; **1989-1999:** Vice-Chair, Academic Affairs, UCLA Dept. of Pediatrics.

OTHER ACTIVITIES:

Infectious Diseases Committee, American Academy of Pediatrics (1971-1977); Editorial Boards - Pediatrics, Pediatric Research, Pediatrics in Review, Pediatrics Update, J Allergy Clin Immunol, J Clin Immunol, Amer J Dis Children, Arch Pediatrics Adol Med, Contemporary Pediatrics, Amer J Clin Nutrition, Clin Diag Lab Immunol; American Academy of Pediatrics - Chapter 2, AIDS Committee, Education Committee, Indian Affairs Committee; Subcommittee on Nutrition and Infection, NAS (1975-1977); NIH Task Force on Pediatric Allergy (1977); Board of Directors, Amer Board of Allergy Clin Immunology (1977-1983); Council, Western Society for Ped Research (1977-1980); Hartford Fellowship Advisory Committee (1984-1988); March of Dimes - Clinical Research Advisory Committee (1993-1998, 2005-2010) NIH General Clinical Research Center Study Section (1978-1982, 1984-1988); NICHD Maternal and Child Health Study Section (1994-1998) US Centers for Disease Control Advisory Committees on Pediatric AIDS - Classification, School and Foster Care; Immunizations, Reclassification; Board of Scientific Directors, Pediatric AIDS Foundation, Eczema Foundation, Immune Deficiency Foundation. Chief Editor, Immunologic Disorders in Infant and Children, Editions I-V, WB Saunders Co. 1973, 1980, 1989, 1996. 2004.

HONORS AND AWARDS:

U. Wisconsin Undergraduate Honors, Phi Beta Kappa (1954); Medical School Honors, Mosby Book Award, Alpha Omega Alpha (1957); Nominee for President, Society for Pediatric Research (1967) American Pediatric Society

(2001); Career Development Award-NIAID (1967-1969); Markle Scholar in Academic Medicine (1967-1972); Ross Research Award, Western Society for Pediatric Research (1971); E. Mead Johnson Award for Research in Pediatrics (1974); Who's Who in America (1980-present); Best Doctors in America (1992, 1994, 2003, 2006); J Pediatrics Visiting Professor - Yale, Mayo Clinic, U. Cincinnati; President, Western Society for Pediatric Research (1983); Alumni Citation Award, U. Wisconsin Medical School (1988); Life-time Achievement Award, Immune Deficiency Foundation (1995); Medical Science Award, UCLA Medical Alumni Association (1999); Distinguished Alumni Award, Babies and Children's Hospital of New York City (1999); Fellow, AAAS (2003); Commissioner, HHS Advisory Commission on Childhood Vaccines (1988-1990); Member, Western Society for Pediatric Research, American Pediatric Society, Society for Pediatric Research, Clinical Immunology Society, American Academy of Pediatrics, American Academy of Allergy Asthma and Immunology, American Assn Immunologists, American Institute of Nutrition, American Society for Clinical Investigation,

Recent Papers (N= 500, including books and chapters)

De Ugarte DA, Roberts RL, Lerdluedeporn P, Stiehm ER, Atkinson JB. Treatment of chronic wounds with local delivery of GM-CSF in patients with neutrophil dysfunction. *Pediatr. Surg. Inter* 18: 517-520, 2002

Ziegner, UHM, Kobayashi RH, Cunningham-Rundles C, Español T, Fath A, Huttenlocher A, Krogstad, Marthinsen L, Notarangelo LD, Pasic S, Rieger CHL, Rudge P, Sankar R, Shigeoka AO, Stiehm ER, Sullivan KE, Webster AD, and Ochs HD. Progressive neurodegeneration in patients with primary immunodeficiency disease on IVIG treatment. *Clin. Immunol* 102:12-18, 2002. Research Article

Watts, DH, Lambert J, Stiehm ER, Harris DR, Bethel J, Mofenson L, Mathieson B, Fowler MG, Nemo G for the PACTG 185 study team. Progression of HIV disease among pregnant women following delivery
J Acquir Immune Defic Syndr 33:585-593, 2003

Shearer WT, Rosenblatt HM, Gelman RS, Oyomopito R, Plaeger S, Stiehm ER, Wara, DW, Douglas SD, Luzuriaga L, McFarland EJ, Yogev R, Rathore MH, Levy W, Graham BL, Spector SA Lymphocyte subsets in healthy children from birth through 18 year of age: The PACTG P1009 study. *J. Allergy Clin Immunol* 112:973-980,

Winkelstein JA, Ochs H, Fuleihan R, Scholl PR, Stiehm ER, Conley ME. The X-linked hyper-IgM syndrome: clinical and immunologic features of patients. *Medicine (Baltimore)* 82:3384, 2003

Ming JE, Stiehm ER, Graham, JM Syndromic immunodeficiencies: Genetic syndromes associated with immune abnormalities. *Crit. Rev Clin Lab Sciences* 40:1-56. 2003. Review

Stiehm ER, Johnston RB Jr. A history of pediatric immunology *Pediatric Research* 2004 (in press) Review
Choi SS, Chhabra VS, Nguyen QH, Ank BJ, Stiehm ER, Roberts RL. Interleukin-15 enhances cytotoxicity, receptor expression, and expansion of neonatal natural killer cell in long-term culture. *Clin Diag. Lab Immunol* 11:874-888, 2004 Research Article

Stiehm ER, Ochs HD, Winkelstein JA. Editors, *Immunologic Disorders in Infants and Children*, Edition 5 Elsevier/Saunders Philadelphia 2004, 1600 pages. (Edited Textbook)

Stiehm ER, Johnston RB Jr. A history of pediatric immunology. *Pediatric Research* 57: 458-467, 2005 Review

Stiehm ER, Roberts RL, Kaplan MS, Corren J, Jaracz E, Rico MJ. Pneumococcal seroconversion after vaccination in children with atopic dermatitis treated with tacrolimus ointment. *J. Am Acad Derm* 53:S206-S213. 2005. Research Article

Lambert JS, Moye Jr J, Plaeger SF, Stiehm ER, Bethel, J, Mofenson LM, Mathieson B, Kagan J, Rosenblatt H, Paxton H, Suter H, Landay A. Association of selected phenotypic markers of lymphocyte activation and differentiation with perinatal HIV transmission and infant infection. *Clin Diag Lab Immunol* 12: 622-631, 2005.

McGhee SA, Kaska B, Liebhaber M, Stiehm ER. Persistent parvovirus-associated chronic fatigue treated with high-dose intravenous immunoglobulin. *Pediatric Inf Dis J* 24:272-274, 2005.

Stiehm ER. Disease vs disease: How some diseases ameliorate another. *Pediatrics* (in press) Article

McGhee SA, Stiehm ER, McCabe ERB. Potential costs and benefits of newborn screening for severe combined immunodeficiency. *J Pediatrics* 147:272-4, 2005 Research Article

Stiehm ER. Lessons from Kawasaki Disease: All brands of IVIG are not equal. *J Pediatrics* 148:6-7, 2006 Editorial

Lewis DB, Gern JE, Hill HR, Friedlander SL, La Pine TR, Lemanske, RF Jr, Stiehm ER. Newborn Immunology: Relevance to the clinician. in *Current Problems in Pediatric and Adolescent Health Care* 36:189-204, 2006

McGhee SA, Stiehm ER, Krogstad P, McCabe ERB. Two-tiered universal screening for severe combined immunodeficiency (SCID) *Mol Med Genetics* 86:427-430, 2005.

- Lin JH, Liebhaber MI, Roberts RL, Dyer Z, Stiehm ER Etanercept treatment of cutaneous granulomas in common variable immunodeficiency. *J. Allergy Clin Immunol.* 117: 478-482, 2006.
- Yamazaki-Nakashimada M, Stiehm ER, Dino P, Hernandez-Bautista V, Espinosa-Rosales, F
Corticosteroid therapy for refractory infections in chronic granulomatous disease:case reports and review of the literature.. *Ann Allergy Asthma Immunol* 97:257-261, 2006.
- Chang AD, Tachdjian R, Gallagher K, McCurdy DK, Lassman, C, Stiehm ER, Yadin O Type III mixed cryoglobulinemia and antiphospholipid syndrome in a patient with partial DiGeorge syndrome. *Clin Develop Immunol* 13: 261-264, 2006 (Case Report)
- Bussel J, Giulino L, Lee S, Sandborg C, Patel VL, Stiehm ER. Update on therapeutic monoclonal antibodies. *Current Problems in Pediatr Adolesc Health* 37:113-144, 2007 (Review)
- Stiehm ER, Keller MA, Vyas, GN: Preparation and use of therapeutic antibodies primarily of human origin . *Biologicals* (in press 2008) (Review)
- Land MH, Garcia-Lloret MI, Borzy MS, Rao N, Aziz, N, McGhee SA, Chen K, Gjorski J Stiehm ER.Long-term results of bone marrow transplantation in complete DiGeorge syndrome. *J Allergy Clin Immunol* 120:908-915 2007. (Research Article)