

CURRICULUM VITAE

Thomas F. Smith MD

Education

University of Virginia, Charlottesville, VA, 1967-71 B.A. with High Honors, in
Biology, 1971-74 M.D.

Intern and Resident in Pediatrics, Vanderbilt University Hospital, Nashville,
Tennessee, 1974-77

Fellow in Pediatric Allergy and Clinical Immunology, National Jewish Hospital
and Research Center, Denver, Colorado, 1977-80

Previous Academic Positions

Professor of Pediatrics, Washington University School of Medicine, St.Louis,
Missouri

Director, Residency Training Program in Allergy and Immunology, Department
of Pediatrics Emory University School of Medicine, Atlanta, Georgia

Assistant Professor of Microbiology and Immunology, Emory University School
of Medicine, Atlanta, Georgia

Associated Faculty in Experimental Pathology and Laboratory Medicine, Emory
University Graduate School of Arts and Sciences, Atlanta, Georgia

Attending Physician and Chief of Pediatric Allergy, Immunology and
Pulmonology, Grady Memorial Hospital, Atlanta, Georgia

Attending Physician and Chief of Pediatric Allergy, Immunology and
Pulmonology, Henrietta Egleston Hospital for Children, Atlanta, Georgia

Medical Director, Pulmonary, Function Testing Laboratory, Henrietta Egleston
Hospital for Children, Atlanta, Georgia

Director, Diagnostic Immunology Laboratory, Division of Allergy/Immunology,
Department of Pediatrics, Emory University School of Medicine

Licensed, Texas Medical Board, 1998

Member, Expert Panel for Allergy of the Texas Medical Board.

Board Certifications

American Board of Pediatrics 1979

American Board of Allergy and Immunology, 1979, Recertification, 1993, now
participating in Maintenance of Certification

American Board of Medical Laboratory Immunology, 1983

American Board of Pediatrics, Sub-Board of Pediatric Pulmonology, 1987,
Recertification 1995

American Board of Allergy and Immunology, Diplomate in Diagnostic Laboratory
Immunology, 1990

Honors and Awards

Listed in The Best Doctors in America , 1994-present
Listed as a Texas Monthly Super Doctor, 2003-present
Phi Beta Kappa, University of Virginia
Phi Sigma Biological Sciences Honor Society, University of Virginia
Hal M. Davison Memorial Award, Southeastern Allergy Association
Sigma Xi Scientific Research Society, Emory University
Listed in *Marquis Who's Who in Medicine and Healthcare*, 3rd Edition
Listed in *Marquis Who's Who in the World*, 25th Edition

Editorial Responsibilities

Editorial Board, Journal of Allergy and Clinical Immunology, 1997-2002
Editorial Board, Annals of Allergy , 1989-1992
Ad Hoc Reviewer: American Journal of Diseases of Children; Annals of Allergy;
Chest; Journal of Allergy and Clinical Immunology; Journal of Immunology;
Journal of Pediatrics; Pediatric Asthma, Allergy and Immunology; Pediatrics

Professional Societies and Organizations

Current

American Academy of Allergy, Asthma, and Immunology (Fellow)
American College of Allergy, Asthma, and Immunology (Fellow)
Texas Allergy, Asthma, and Immunology Society
Travis County Medical Society

Previously

National Faculty, Advances in Asthma Care Grand Rounds based on National
Asthma Education Program
Member, ACAAI Research Council
Member, ACAAI Scientific Council
American Board of Allergy and
Immunology Consultant, Recertifying Examination, 1991
Allergy and Immunology Society of Georgia, President 1984-85
Association of Medical Laboratory Immunologists
International Endotoxin Society
American Association of Immunologists
Clinical Immunology Society
American Thoracic Society
American College of Chest Physicians (Fellow)
Society for Pediatric Research
American Academy of Pediatrics (Fellow); Member, Section on Allergy and
Immunology; Member, Section on Diseases of the Chest
American Medical Association DAATA Reference Panel

Peer reviewed publications

1. Smith TF, O'Day D, Wright PF: Clinical implications of preseptal (periorbital) cellulitis in childhood. *Pediatrics* 1978;62:1006-1009
2. Smith TF, Hudgel DW: Arterial oxygen desaturation during sleep in children with asthma and its relation to airway obstruction and ventilatory drive. *Pediatrics* 1980;66:746-751
3. Smith TF, Hudgel DW: Decreased ventilation in response to hypoxia in children with asthma. *J Pediatr* 1980;97:736-741
4. Smith TF, Engel E: Marfan's syndrome with 47, XXX genotype and possible immunologic abnormality in a child with Marfan's syndrome. *So Med J* 1981;74:630-632.
5. Smith TF, Fishaut M, McIntosh K, Henson P: Activation of complement by cells infected with respiratory syncytial virus. *Infection and Immunity* 1981;33:43-48.
6. Smith TF, Remigio L: Histamine in nasal secretions and serum may be elevated during viral respiratory tract infection. *Int Arch Allergy Appl Immunol* 1982;4:380-383,
7. Smith TF, Morris EC, Bain RP: IgG subclasses in non-allergic children with chronic chest symptoms. *J Pediatr* 1984;105:896-900
8. Smith TF, Aelvoet M, Morrison DC: The effect of bacterial endotoxin on histamine release from human basophils. I. Enhancement of immunologic release by LPS. *Clin Immunol and Immunopathol* 1985;34:355-365
9. Smith TF, Ireland TA, Zaatari GS, Gay BB, Zwiren G, Andrews HG: Clinical and bronchoscopic characteristics of children with endoscopically-proven chronic bronchitis. *Amer J Dis Child* 1985;139:1039-1044,.
10. Platts-Mills TA, Heymann PW, Chapman MD, Smith TF, Wilkins SR: Mites of the genus *Dermatophagoides* in dust from the houses of asthmatic and other allergic patients in North America: development of a radioimmunoassay for allergen produced by *D. farinae* and/or *D. pteronyssinus*. *Int Arch Allergy Appl Immunol.* 1985;77(1-2):163-5
11. Smith TF, Kelly L, Heymann PW, Wilkins SR, Platts-Mills TAE: Natural exposure and serum antibodies to house dust mite of mite-allergic asthmatic children in Atlanta. *J Allergy Clin Immunol* 1985;76:782-788
12. Smith TF, Morrison DC: Lack of interference in skin tests by endotoxin in allergen extracts. *Ann Allergy* 1986;57:410-412.
13. Smith TF, Welch TR, Allen JB, Sondheimer JM: Cutaneous mastocytosis with bleeding: Probable heparin effect. *Cutis* 1987;39:241-244.
14. Atkinson TP, Bullock JO, Smith TF, Mullins RE, Hunter RL: Ion transport mediated by copolymers composed of polyoxyethylene and polyoxypropylene. *Amer J Physiol* 1988;254 (Cell Physiol 23):C20-C26,
15. Atkinson TP, Smith TF, Hunter RL: In vitro release of histamine from murine mast cells by block copolymers. *J Immunol* 1988;141:1302-1306.
16. Atkinson TP, Smith TF, Hunter RL: Histamine release from human basophils by synthetic block copolymers composed of polyoxyethylene and polyoxypropylene and synergy with immunologic and non-immunologic

- stimuli. *J Immunol* 1988;141:1307-1310
17. Sanchez-Legrand F, Smith TF: Interaction of paramyxoviruses with human basophils and their effect on histamine release. *J Allergy Clin Immunol* 1989;84:538-546.
 18. Call RA, Smith TF, Morris E, Chapman MD, Platts-Mills TA: Risk factors for asthma in inner city children. *J Pediatr.* 1992 Dec;121(6):862-6.
 19. Smith TF, Bain RP, Schiffman G: Relationship between serum IgG2 concentrations and antibody responses to pneumococcal polysaccharides in children with chronic chest symptoms. *Clin Exp Immunol* 1990;80:339-343, (Abstracted in *Ped Digest* 1991;2:14-15).
 20. Pollart SM, Smith TF, Morris EC, Gelber LE, Platts-Mills TAE, Chapman MD: Environmental exposure to cockroach allergens: Analysis using monoclonal antibody based enzyme immunoassays. *J Allergy Clin Immunol* 1991;87:505-510,.
 21. Smith TF, Sanchez-Legrand F, McKean LP, Kutner MH, Eaton DC: Role of sodium in histamine release from human basophils. *J Allergy Clin Immunol* 1992;89:978-986
 22. Call R, Smith TF, Morris E, Pollart SM, Platts-Mills TAE: Risk factors for asthma in inner city children. *J Pediatr* 1992;121:862-6
 23. Anderson LJ, Tsou C, Potter C, Keyserling HL, Smith TF, Ananaba G, Bangham CRM: Cytokine response to respiratory syncytial virus stimulation of human peripheral blood mononuclear cells. *J Infect Dis* 1994;170:1201-8
 24. Childhood Asthma Management Program Research Group: Design and implementation of a patient education center for the Childhood Asthma Management Program. *Ann Allergy Asthma Immunol.* 1998 Dec;81(6):571-81.

Invited publications

1. Smith TF, Johnston RB Jr: Functions of the spleen in host defense against infection. *Amer J Pediatr Hematol/Oncol* 1979;1:355-362
2. Smith TF, Johnston RB Jr: The complement system: Implications for pediatrics. In AJ Moss and ER Stiehm (eds), *Pediatrics Update: Reviews for Physicians*, 1981 Edition, New York, Elsevier, North Holland, Inc., 1981, pp. 305-320
3. Smith TF, Gordon D: Immunodeficiency. In HF Conn and RB Conn Jr (eds), *Current Diagnosis 7*, Philadelphia, W.B. Saunders Company, 1985, pp 1170-1176
4. Smith TF, Bain RP: IgG subclasses in children with chronic chest symptoms. *Mongr Allergy* 1986;20:119-127
5. Smith TF: Immunodeficiency in chronic pediatric respiratory illness. *Hosp Practice* 1986;21:143-158
6. Smith TF: Asthma in childhood. In RE Rakel (ed), *Conn's Current Therapy* 1986, 38th Edition, Philadelphia, W.B. Saunders Company, 1986, pp 594-598
7. Smith TF (ed): Update on Allergy. *Primary Care* 1987;14(3)
8. Smith TF: Allergy and pseudo-allergy: An overview of basic mechanisms. *Primary Care* 1987;14:421-434

9. Smith TF (ed): Common Allergies and Allergic Conditions. *Immunol Allergy Clin NA*, 1987;7(2)
10. Smith TF, McKean LP: Activation of and modulation of mediator release from mast cells and basophils. *Immunol Allergy Clin* 1987;7:179-189
11. Smith TF (ed): Common Allergies and Allergic Conditions, Part II, *Immunol Allergy Clin NA* 1987;7(3)
12. Smith TF: Immunoglobulin deficiencies: To treat or not to treat. *Immunopath Immunother Ltr* 1987;3:3,8-9
13. Smith, TF, Muldoon MF, Bain RP, Wells EL, Tiller TL, Kutner MH, Schiffman G, Pandey JP: Clinical results of a prospective double-blind, placebo-controlled trial of intravenous gammaglobulin in children with chronic chest symptoms. *Monogr Allergy* 1988;23:168-176
14. Smith TF: Immunodeficiency. In JP Kokko and SF Stein (eds), *Internal Medicine. A Board Review*, 4th Edition, New York, Science-Thru-Media, 1989, pp 87-95
15. Smith TF: Hypogammaglobulinemia and asthma. Do any patients with asthma have deficiency of antibody? *J Asthma* 1989;26:5-13
16. Smith TF: Chronic sinopulmonary infection: Is Ig deficiency the cause? *J Respir Dis* 1989;10:12-29
17. Smith TF: IgG subclass deficiencies. In ML Buyse (ed), *Birth Defects Encyclopedia*, Center for Birth Defects Information Services, Inc., 1990
18. Smith T, Wedner J: Recruitment workshop report. *J Allergy Clin Immunol* 1990;86:965
19. Smith TF, Fineman SM: Urticaria. In HF Conn and RB Conn Jr (eds), *Current Diagnosis 8*, Philadelphia, W.B. Saunders Company, 1991
20. Smith TF: IgG subclasses. *Adv Pediatr* 1992;39:101-126
21. Smith TF: Allergy testing in clinical practice. *Ann Allergy* 1992;68:293-301
22. Platner R, Smith TF: Respiratory infections, wheezing, and asthma. *Immunol Allergy Clin NA* 1993;13(1):141-158
23. Smith TF (ed): *Respiratory Infections*. *Immunol Allergy Clin NA* 1993;13(1)
24. Smith TF: Asthma. In FD Burg, JR Ingelfinger, Wald ER (eds), *Current Pediatric Therapy 14*, Philadelphia, W.B. Saunders Company, 1993, pp. 668-78
25. Carver TW, Smith TF: Pulmonary manifestations of pediatric AIDS. *Immunol Allergy Clin NA* 1995;15:355-365
26. Strunk RC, Smith TF: Asthma in childhood. In RE Rakel (ed), *Conn's Current Therapy 1996*, Philadelphia, W.B. Saunders Company, 1996, pp 717-725
27. Smith TF: Intravenous immunoglobulin treatment for IgG subclass deficiency. In Lee M, Strand V (eds), *Intravenous Immunoglobulin In Clinical Practice*. New York, Marcel Dekker Inc, 1997
28. Castro M, Smith TF, Strunk RC: Pathophysiology of asthma. In Murphy S, Kelly HW, McWilliams B (eds), *Pediatric Asthma*, New York, Marcel Dekker Inc, 1998.
29. Smith TF. Allergy and immunology in upper respiratory symptoms. In Wetmore RF, Muntz HR, McGill TJ (eds), *Pediatric Otolaryngology: Principles and Practice Pathways*, New York, Thieme Publishers, 1999 (In press)

Letters

1. Smith, TF: Long-term significance of bronchiolitis (letter). *J Pediatr* 1981;99:1001-1002
2. Smith TF: Asthma: Use of oral bronchodilators (letter). *Pediatr in Rev* 1984;5:320
3. Smith TF: Cow's milk allergy, in reply (letter). *Amer J Dis Child* 1986;140:330
4. Smith TF: Asthma (letter). *Pediatrics* 1988;82:281
5. Smith TF: The medical problems of underwater diving (letter). *N Engl J Med* 1992;326:1497-8

61 peer-reviewed abstracts