

Roger W. Fox, MD

Professor of Medicine, Pediatrics and Public Health
Division of Allergy and Immunology
University of South Florida College of Medicine and Health Sciences Center

CRU

Mailing Address

University of South Florida (1980-present)
Asthma, Allergy & Immunology Clinical Research Unit
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James A. Haley VA Hospital

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University of South Florida College of Medicine
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Biographical Data

Born: January 13, 1949
Place of birth: Belleville, IL
Marital Status: Married to Cynthia Fox since 1972
Three children

Professional Education

B. A., Drake University,
Des Moines, IA, 1971

M.D., St. Louis University
St. Louis, MO, 1975

Post-Graduate Training

Fellowship in Allergy and Clinical Immunology
University of South Florida, Tampa, Florida 7/78 - 6/80

Internship and Residency in Internal Medicine
University of South Florida, Tampa, Florida 7/75-6/78

Professional Affiliations

Professor of Medicine and Pediatrics, Division of Allergy and Immunology,
University of South Florida HSC, July 2007

Associate Professor of Pediatrics, Division of Allergy and Immunology, University of South Florida HSC January 2005.

Associate Professor of Public Health, Department of Environmental and Occupational Health, University of South Florida College of Public Health, August 1993 -

Associate Professor of Medicine, Department of Internal Medicine, University of South Florida College of Medicine, July 1988 –

Assistant Professor of Medicine, Department of Internal Medicine, University of South Florida College of Medicine, July 1980-1988.

Training Director for Allergy/Immunology Advanced Subspecialty Residency Program, 1981-present.

Staff Physician, James A. Haley VA Hospital, 1980 -

Director, James A. Haley VA Hospital Allergy/Immunology Clinic, 1991.

Licensure

Florida ME0026916

**American Board
Certification**

National Board of Medical Examiners, 1975
American Board of Internal Medicine, 1978
Certificate no. 66156
American Board of Allergy/Immunology, 1981
Certificate no. 1216

**Committees/
Consultants**

Graduate Medical Education Committee, Associate Program Director; Allergy/Immunology 2000-

AAAAI Committee: Adverse Reactions to Drugs, Biologicals and Latex 2009-2012

AAAAI Committee: VA and Military Allergy and Immunology and VHA Allergists Task Force 2009-2012

AAAAI Committee: Allergic Skin Diseases 2010-2012

Hillsborough County Medical Association Leadership Executive Council USF District 2007-2009

VA FAC Allergy/Immunology and VRAMC Allergen Extract Program. Member 2007-

American Lung Association of Florida: Professional Education and Research Committee 2006-

Rhinosinusitis Committee of the American Academy of Allergy, Asthma and Immunology 2004-2011.

V.A. Medical Chart Review Committee, 1981 - 1984; 1988 - 1989.

VA monthly monitoring of Residency Supervision, Clinical Pertinence and OIPC Review 2005-

Committees on Urticaria and Angioedema, Atopic Dermatitis, Contact Dermatitis, American Academy of Allergy, Asthma and Immunology, 1983 -

AAAAI Urticaria and Angioedema Committee, Chairman 2001-2003.

Allergy Consultant for Hillsborough County Medical Association Physicians Health Plan, 1985 - 1988.

Medical Advisory Committee, Blue Cross Blue Shield of Florida, Member, 1986 - 1988.

Consultant, 3M Diagnostics National Allergy Educational Program for the Primary Care Physician, 1986 - 1987.

Scientific Advisor in Clinical Research for Janssen Research and Development Council, 1986 - 1989.

Committee on Environmental Control and Air Pollution, American Academy of Allergy and Immunology.

- Chairman, 1990 - 1993

- Member, 1993 -

Asthma and Allergy Foundation of America, Board of Directors, Medical Advisor, State of Florida Chapter, 1986 - 1987.

Interviewer of Applicants to the University of South Florida College of Medicine, 1986 - .

Medical Student Advisor, University of South Florida College of Medicine, 1986 - .

Family Practice Student Organization - "Shadow" Program for Preclinical Medical Students,

1988 - .

Professional Fellowships

Consultant to the Medical Foundation State Peer Medical Utilization Review Committee, October 8, 1989 -1993.

Subcommittee of Joint Florida Thoracic Society and American Lung Association of Florida,
1993 -1995

Professional Memberships

Participated in the Longitudinal Clinical Experience (LCE) program for 1st year medical students, University of South Florida College of Medicine, 2004-.

American College of Physicians, 1985

American Academy of Allergy, Asthma & Immunology (AAAAI), 1985

American Association of Certified Allergists, 1985

College of Allergy, Asthma and Immunology, 2002

American Medical Association, 1981 - 2010

Hillsborough County Medical Association, 1980 -
Executive Council 2007-2009

Florida Allergy/Immunology Society

- Secretary/Treasurer, May 1983 - 1984

- President-Elect, 1984 - 1985

- President, 1985 - 1986

Florida Medical Association, 1981 -.

Florida West Coast Allergy and Immunology Journal Club President,
1980-1983

American Association for Clinical Immunology & Allergy, 1983 -1992

Florida Thoracic Society, 1984 - 1989

Florida Society of Internal Medicine and American Society of Internal
Medicine, 1984 - 1989

Honors and Awards

American Medical Association Physician Recognition Award:

1987-1990

1990-1993

2004-2005

The Best Doctors in America: Southeast Region in Allergy and Immunology:
1996

The Best Doctors in America: 1999, 2002, 2003, 2004, 2005, 2006, 2007,
2008, 2010, 2011, 2012

America's Top Doctors (Castle Connolly Medical, Ltd.): 2001, 2004, 2011

Who's Who in America 2002

25 years VA Service Award, 2003.

30 years Department of Veterans Affairs Service Award, 2009

Co-Director of the ACGME New Innovations Initiative: iTunesU
"Fiberoptic Rhinology Course", 2009-

Marquis Who's Who in America 2010

Editor

Journal of Investigational Allergology & Clinical Immunology
Contributing Editor, 1985 - 1992

Journal of Respiratory Diseases
Editorial Board, 1993 - 2005

American Journal of Rhinology
Abstract Editor, 1999-2003

Editor of Allergy Section in Physician's Decisions.com, an internet text for Decision oriented Information for Primary Care Physicians, PDX, MD, London. 2001

Lectures

Continuing Medical Education: "Immunotherapy", Sponsored by the West Coast Allergy and Immunology Journal Club, Tampa, Florida, September 24, 1979.

Postgraduate course entitled Clinical Allergy: "Urticaria and Angioedema". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology, December 1979.

Continuing Medical Education: "Food Allergy". Sponsored by the West Coast Allergy and Immunology Journal Club, Tampa, Florida, June 2, 1980.

Postgraduate course: "Urticaria and Angioedema". Sponsored by the Florida Allergy and Immunology Society, October 16, 1980.

University of South Florida Medical Grand Rounds: "Urticaria and Angioedema". Tampa, Florida, December 4, 1980.

Annual Meeting of Association of Clinical Scientists: "Immunologic Aspects of a Fixed Drug Eruption". University of South Florida College of Medicine, Tampa, Florida, May 8, 1981.

Continuing Medical Education: "Chronic Rhinitis". Sponsored by the West Coast Allergy and Immunology Journal Club, Tampa, Florida, June 1, 1981.

Course Director, Postgraduate course entitled Clinical Allergy for the Practicing Physician. "Immunotherapy". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology, November 14, 1981.

Continuing Medical Education: "Hypersensitivity Pneumonitis". Sponsored by the West Coast Allergy and Immunology Journal Club, Tampa, Florida, November 23, 1981.

University of South Florida Medical Grand Rounds: "Hypersensitivity Pneumonitis". Tampa, Florida, January 7, 1982.

Annual Meeting of the Florida Medical Association: "Immunologic Evaluation of a Fixed Drug Eruption". Hollywood, Florida, May 8, 1982.

Postgraduate course entitled Clinical Allergy and Immunology for the Practicing Physician: "Atopic Eczema". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology, The American Academy of Allergy and Immunology and The Florida Allergy and Immunology Society, Lake Buena Vista, Florida, December 4, 1982.

Morton Plant Hospital Continuing Education Lecture: "Urticaria and Angioedema". Clearwater, Florida, January 11, 1983.

Clinical Allergy and Immunology for the Practicing Physician: "Drug Allergy". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology and The American Academy of Allergy and Immunology, Lake Buena Vista, Florida, December 8, 1983.

Clinical Allergy and Immunology for the Practicing Physician: "Hypersensitivity Pneumonitis." Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology and the American Academy of Allergy and Immunology, Lake Buena Vista, Florida, December 9, 1983.

Pulmonary Basic Science Seminar: "Aspirin, MSG and Metabisulfite Intolerance in Asthma". James A. Haley VA Hospital, Tampa, Florida, February 1, 1984

Infectious and Immunologic Diseases - New Concepts and Clinical Update. "Clinical Update on the Immunotherapy of Allergic Disorders." Bay Harbour Inn, Tampa, Florida, February 7, 1984.

Morton Plant Hospital Continuing Education Lecture: "Skin Manifestations of Drug Allergy". February 12, 1984, Clearwater, Florida.

Annual Meeting of the Florida Medical Association and Florida Allergy Society: "Drug Allergies". Lake Buena Vista, Florida, May, 1984.

University of South Florida Medical Grand Rounds: "Dermatologic Manifestations of Drug Allergy". Tampa, Florida, May 17, 1984.

Clinical Allergy and Immunology for the Practicing Physician: "Allergic Rhinitis Treatment, Including New Antihistamines"; "The Proper Use of Theophylline in the Treatment of Asthma". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology and the Academy of Allergy and Immunology, Lake Buena Vista, Florida, December 6-8, 1984.

Sarasota Memorial Hospital Grand Rounds: "Dermatologic Manifestations of Drug Allergy". Sarasota, Florida, January 25, 1985.
Infectious and Immunological Disease: Where We're At and Where We're Going: "What's New in Immunotherapy of Allergic Diseases?" Bay Harbour Inn, Tampa, Florida, January 28-30, 1985.

New Developments in Antihistamine Therapy: "Treatment of Chronic Idiopathic Urticaria with Astemizole". Egham, United Kingdom, February 15, 1985.

Morton Plant Hospital Medical Grand Rounds: "Drug Allergies". Clearwater, Florida, May 21, 1985.

West Coast Allergy Journal Club: "Atopic Dermatitis". Tampa, Florida, October 28, 1985.

Medical Grand Rounds: "Allergic Rhinitis: Diagnosis and Treatment". Bay Pines V.A. Hospital, St. Petersburg, Florida, November 13, 1985.

Clinical Allergy and Immunology for the Practicing Physician: "Atopic Dermatitis - Basic and Treatment Aspects" and "Fixed Drug Eruption". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology and the American Academy of Allergy and Immunology, Lake Buena Vista, Florida, December 5-7, 1985.

American College of Allergy Annual Meeting: "New Perspectives In Antihistamine Therapy". Phoenix, Arizona, January 25, 1986.

Difficult Questions for Pulmonary Medicine: "Sustained Release Theophylline Medications - Do They Make A Difference?" Sponsored by the Division of Pulmonary and Critical Care Medicine, University of South Florida College of Medicine, Tampa, Florida, March 1, 1986.

Florida Academy of Family Physicians Meeting: "Approaches To Allergy Evaluation" and "Dermatologic Manifestations of Drug Allergies". Tampa, Florida, April 11, 1986.

University of South Florida College of Medicine Grand Rounds: "A Perspective on Asthma: The Allergen Induced Late Phase Reaction". Tampa, Florida, June 5, 1986.

Morton Plant Hospital Medical Grand Rounds: "Adverse Reactions to Food Additives". Clearwater, Florida, October 28, 1986.

Allergy and Immunology for the Practicing Physician: "Exercise Anaphylaxis". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology and the American Academy of Allergy and Immunology, Lake Buena Vista, Florida, December 11-13, 1986.

Sarasota Memorial Hospital Grand Rounds: "Adverse Reactions to Food Additives". Sarasota, Florida, March 13, 1987.

Difficult Questions for Pulmonary Medicine: "Status asthmaticus". Sponsored by the Division of Pulmonary and Critical Care Medicine, University of South Florida College of Medicine and the American Lung Association of Florida, Tampa, Florida, March 14, 1987.

Frontiers in Allergy and Asthma: A Comprehensive Update for Treatment of Allergic Diseases and Asthma: "Immunotherapy in Allergic Patients: Allergy Shots- Whither or Whether". Sponsored by the University of California at Davis, Division of Rheumatology/Allergy - Clinical Immunology, Napa, California, March 20-22, 1987.

Winter Park Memorial Hospital Grand Rounds: "Adverse Reactions to Food Additives". Winter Park, Florida, November 20, 1987.

Core Curriculum Conference, Division of Pulmonary, Critical Care and Occupational Medicine: "Rhinitis and Sinusitis". Tampa, FL, November 25, 1987.

Clinical Allergy and Immunology for the Practicing Physician: "Fiberoptic Rhinologyngoscopy". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology and American Academy of Allergy and Immunology, Lake Buena Vista, Florida, December 3-5, 1987.

Introduction to Nutrition: "Food Allergy and Additives". University of South Florida College of Medicine Introduction to Medicine Course, Tampa, Florida, December 7, 1987.

University of South Florida College of Medicine Introduction to Medicine Course: "Allergic Skin Disorders" and "Drug Allergies". Tampa, Florida, January 14-15, 1988.

Chairman, Indoor Environmental Pollution and Aeroallergens: Role of the Room Air-Cleaning Devices. Sponsored by the American Academy of Allergy and Immunology Committee on Environmental Control and Air Pollution, St. Petersburg, Florida, January 16-17, 1988.

University of South Florida College of Medicine Freshman Medical Class: "Food Allergy and Food Additives" and "Nutrition". Tampa, Florida, April 19, 1988.

All Children's Hospital Grand Rounds: "Food Additives". St. Petersburg, Florida, April 20, 1988.

University of South Florida Medical Grand Rounds: "Fiberoptic Rhinologyngoscopy". Tampa, Florida, June 16, 1988.

Florida Allergy and Immunology Society Annual Meeting: "Effectiveness and Use of Room and House Air-cleaning Devices". Hollywood, Florida, September 10, 1988.

Continuing Medical Education Program for Hillsborough County Health Department: "Allergy and Anaphylaxis". Tampa, Florida, October 18, 1988.

West Coast Allergy Journal Club: "Portable Room Air-cleaning Devices". Tampa, Florida, October 24, 1988.

University of South Florida College of Medicine Introduction to Medicine Clinical Correlation Conference: "The Evaluation of an Asthmatic Component in a Patient with COPD". Tampa, Florida, October 28, 1988.

Clinical Allergy and Immunology for the Practicing Physician: "Anaphylaxis". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology and American Academy of Allergy and Immunology, Lake Buena Vista, Florida, December 8 - 10, 1988.

University of South Florida College of Medicine Introduction to Medicine Course: "Anaphylaxis" and "Allergic Skin Disorders", Tampa, Florida, January 9, 1989 and January 18, 1989.

American Academy of Allergy and Immunology Annual Meeting Breakfast Seminar: "Newer Treatments of Urticaria". San Antonio, Texas, February 20, 1989.

University of South Florida College of Medicine Introduction to Medicine Course: "Food Allergies and Additives". Tampa, Florida, March 16, 1989.

Nashville Allergy Society: "Urticaria". Nashville, Tennessee, March 21, 1989.

Winter Park Memorial Hospital Medical Grand Rounds: "Treatment of Asthma". Winter Park, Florida, April 28, 1989.

Internal Medicine Topics: "Pathogenesis of Asthma". Lake Buena Vista, Florida, April 28, 1989.

University of South Florida College of Medicine Medical Grand Rounds: "Anaphylaxis", Tampa, Florida, June 8, 1989.

Florida Thoracic Society and Florida Chapter of AACP Annual Meeting: "Diagnosis and Management of Sinusitis", Orlando, Florida, August 31, 1989.

Florida West Coast Society of Dermatology Grand Rounds: "Chronic Urticaria", Tampa, Florida, September 12, 1989.

Sarasota Memorial Hospital Grand Rounds: "Management of Urticaria", Sarasota, Florida, September 15, 1989.

St. Luke's Hospital and Mayo Clinic: "Allergic Rhinoconjunctivitis", Jacksonville, Florida, October 3, 1989.

Florida Hospital: "Diagnosis and Management of Hayfever", Orlando, Florida, October 18, 1989.

Department of Otolaryngology, St. Joseph's Hospital: "Medical Management of Early and Late Phase Allergic Rhinitis", Tampa, Florida, October 25, 1989.

Medical Noon Conference V.A. Hospital: "Anaphylaxis", Tampa, Florida, October 25, 1989.

Bayfront Medical Center Family Practice Grand Rounds: "Allergic Rhinitis", St. Petersburg, Florida, October 26, 1989.

All Children's Hospital: "Rhinoscopy", St. Petersburg, Florida, November 8, 1989.

Workshop at American College of Allergy and Immunology Annual Meeting: "Safety of Skin Testing and Immunotherapy" and "Treatment of Anaphylaxis", Lake Buena Vista, Florida, November 12, 1989.

Clinical Allergy and Immunology for the Practicing Physician: "Clinical Evaluation of the Immunodeficient Patient", Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology and the American Academy of Allergy and Immunology, Lake Buena Vista, Florida, November 30 - December 2, 1989.

University of South Florida College of Medicine Introduction to Medicine Course: "Anaphylaxis" and "Allergic Skin Disorders", Tampa, Florida, January 8, 1990 - January 10, 1990.

Hawaii Dermatology Seminar: "Histopathology of Chronic Urticaria", Big Island of Hawaii, February 6, 1990.

University of South Florida College of Medicine Introduction to Medicine Course: "Food Allergies and Food Additives", Tampa, Florida, March 22, 1990.

American Academy of Allergy and Immunology Annual Meeting Breakfast Workshop: co-chaired with Allen Kaplan, M.D., "Urticaria", Baltimore, Maryland, March 25, 1990.

Advances in Allergy. Developments in Diagnosis and Management: "Considerations in the Use of Antihistamines in the Young Female Patient", Baltimore, Maryland, March 28, 1990.

Third Eastern Allergy Conference: "Air Cleaners: A Review", Bal Harbour, Florida, April 27, 1990.

Tampa General Hospital Department of Internal Medicine Conference: "Nocturnal Asthma", Tampa, Florida, May 8, 1990.

College of Public Health Lectures on Indoor Air Quality: "Chemical Sensitivities", Tampa, Florida, June 4, 1990.
MKSAP VIII Review Course: "Allergic Skin Disorders", Lake Buena Vista, Florida, August 15, 1990.

Bay Pines V.A. Medical Grand Rounds: "Asthma", Bay Pines, Florida, September 5, 1990.

University of South Florida College of Medicine Medical Microbiology Lecture Series on Allergic Diseases, Tampa, Florida, "Allergic Mechanisms", September 12, 1990.

Internal Medicine Noon Conference: "Treatment of Anaphylaxis", V.A. Hospital, Tampa, Florida, October 24, 1990.

Clinical Allergy and Immunology for the Practicing Physician: "Improving Indoor Air Quality". Sponsored by the University of South Florida College of Medicine, Division of Allergy and Immunology and the American Academy of Allergy and Immunology, Lake Buena Vista, Florida, December 6-8, 1990.

Pulmonary and Critical Care Lecture Series: "Anaphylaxis and Acute Allergic Reactions", University of South Florida Health Science Center, Tampa, Florida, January 8, 1991.

Division of Allergy and Immunology Conference: "Evaluation of Sick Building Syndrome", Tampa, Florida, February 15, 1991.

American Academy of Allergy and Immunology Annual Meeting Breakfast Workshop: co-chaired with Allen Kaplan, M.D., "Urticaria", San Francisco, California, March 3, 1991.

University Community Hospital Internal Medicine Staff Medicine: "A Review of Antihistamines", Tampa, Florida, April 24, 1991.

American College of Chest Physicians and University of South Florida College of Medicine Occupational Lung Disease CME Course: "High Molecular Weight Allergens", Saddlebrook, Florida, June 15, 1991.

Division of Family Medicine, University Community Hospital: "Early and Late Phase Asthmatic Responses", Tampa, Florida, June 21, 1991.

College of Public Health Lecture Series: "Indoor Air Quality, Issues and Facts", Tampa, Florida, July 1, 1991.

American College of Physicians, Florida Internal Medicine Review Course: "Urticaria, Anaphylaxis, Insect Allergy, Penicillin vDrug Allergy, Immunotherapy, Contact Dermatitis, Atopic Eczema", Lake Buena Vista, Florida, August 7, 1991.

Florida Allergy and Immunology Society Annual Meeting: "Urticaria Review - Pathogenesis, Differential Diagnosis and Treatment", Lake Buena Vista, Florida, September 27, 1991.

All Children's Hospital Allergy and Immunology Conference: "Indoor Air Quality, Sick Building Syndrome and Multiple Chemical Sensitivity", St. Petersburg, Florida, November 6, 1991.

American College of Allergy and Immunology Comprehensive Approach to Managing Allergic Rhinitis and Nasal Congestion: "Quality of Life Issues in Using Antihistamines and Decongestants", New York, New York, November 17, 1991.

American College of Allergy and Immunology Workshop: "Air- Cleaners - A Review", New York, New York, November 19, 1991.

University of South Florida College of Medicine Introduction to Medicine Course: "Allergic Bronchopulmonary Aspergillosis", Tampa, Florida, November 25, 1991.

Clinical Allergy and Immunology for the Practicing Physician: "Classification of Drug Reactions" and "Treatment of Anaphylaxis". Sponsored by the American Academy of Allergy and Immunology and hosted by the University of South Florida College of Medicine, Division of Allergy and Immunology: ", Lake Buena Vista, Florida, December 7, 1991.

Florida West Coast Allergy Journal Club: "Chronic Idiopathic Urticaria - Diagnosis and Treatment", Tampa, FL, January 27, 1992.

American Academy of Allergy and Immunology Annual Meeting: "Unusual Reactions Including Neurologic Reactions to the Imported Fire Ant Sting", Orlando, FL, March 7, 1992.

Occupational Health for Health Professionals: "Approach to Building Associated Problems". University of South Florida College of Public Health, Tampa, FL, April 15, 1992.

Allergy Research Foundation, "Cases in Allergy"; Antihistamines and Urticaria. Innisbrook Resort, Newport Richey, Florida, April 30 - May 3, 1992.

Postgraduate Course on Occupational Lung Diseases: Current Concepts in Hot Issues: "Occupational Rhinitis". Saddlebrook Resort, Wesley Chapel, Florida, June 5, 1992.

Sebastian Hospital Summer Lecture Series: "Chronic Rhinitis", Melbourne, Florida, August 15, 1992.

All Children's Hospital Allergy Lecture Series: "ENT Evaluation by the Allergist", St. Petersburg, Florida, September 9, 1992.

Internal Medicine Noon Conference: "Anaphylaxis", James A. Haley V.A. Hospital, Tampa, Florida, November 25, 1992.

The Problem of the "Sick" Building - Facts and Implications: "Air Filters and Air Filtration", American Academy of Allergy and Immunology, Lake Buena Vista, Florida, December 5, 1992.

Fifteenth Annual Pulmonary Winter Course: "Sick Building Syndrome", Florida Thoracic Society, Lake Buena Vista, Florida, February 12, 1993.

Seventh Course in the Advancements in Pulmonary Medicine: "Sick Building Syndrome and Occupational Asthma", Institute Catala de la Salut Ciutat Sanitaria i Universitaria vall d'hebron, Barcelona, Spain, February 22 - 26, 1993.

MKSAP Review Course, Lake Buena Vista, "Review of Selected Allergic Disorders", Florida, April 26, 1993.

University of South Florida College of Medicine Internal Medicine Grand Rounds: "ENT Exam by the Internist", Tampa, Florida, June 2, 1993.

Occupational Lung Disease: The Worker and the Work Site, "Sick Building Syndrome", Sponsored by American College of Chest Physicians, Saddlebrook, Wesley Chapel, Florida, June 25, 1993.

Otolaryngology Grand Rounds: "ENT Exam by the Internist", Moffitt Cancer Center, Tampa, Florida, September 7, 1993.

American College of Allergy and Immunology: Moderator of Abstracts on Latex Allergy, Atlanta, Georgia, November 20 - 22, 1993.

Clinical Allergy and Immunology for the Practicing Physician: Co-Director, "Contact Dermatitis", Sponsored by the American Academy of Allergy and Immunology and hosted by the University of South Florida College of

Medicine, Division of Allergy and Immunology, Lake Buena Vista, Florida, December 2 - 4, 1993.

CME Staff Physician Conference: "ENT Exam by the Internist", James A. Haley Veterans' Hospital, Tampa, Florida, December 7, 1993.

CME Lecture Series: "Differential Diagnosis and Treatment of Rhinitis", Naples Community Hospital, Naples, Florida, January 12, 1994.

CME Staff Physician's Conference: "Allergic Rhinitis", VA Outpatient Clinic, Port Richey, Florida, August 24, 1994.

Plant City Medical Staff Lecture, Medical Education Program: "Inhaled Beta Bronchodilators", Lakeland, Florida, October 19, 1994.

American College of Chest Physicians Annual Meeting: "Chronic Rhinitis", New Orleans, Louisiana, November 1, 1994.

Current Aspects of Asthma and New Horizons, Program Co-Chairman: "Introduction and Epidemiology of Asthma" and "Allergy and Immunotherapy for Asthma", St. Petersburg, Florida, December 10, 1994.

Albany Medical College, Medical Grand Rounds: "New Developments in Asthma Therapy", Albany, New York, January 19, 1995.

American Academy of Allergy and Immunology Annual Meeting Workshop, Treatment of Chronic Urticaria and Angioedema: "Alternative Therapies", New York, NY, February 25, 1995.

Eastern Allergy Conference: "Update on Urticaria", Naples, Florida, April 27, 1995.

CME Lecture Series: Allergic Respiratory Diseases, Ft. Lauderdale, Florida, August 23, 1995.

University of South Florida College of Medicine, Internal Medicine Grand Rounds: "Drug Induced Cutaneous Reactions", Tampa, Florida, November 16, 1995.

Post Graduate Conference: "Clinical Allergy and Immunology for the Practicing Physician: Co-Director, sponsored by the American Academy of Allergy, Asthma and Immunology and hosted by the University of South Florida College of Medicine, Division of Allergy and Immunology, "Drug-Induced Eruptions", Lake Buena Vista, Florida, November 30 - December 2, 1995.

James A. Haley Veterans Administration Hospital, monthly medical noon conference lecture series: "Chronic Rhinitis", February 28, 1996.

Understanding and Managing Asthma - Update for the Managed Care Environment: sponsored by MacGregor Medical Association and the American Academy of Allergy, Asthma and Immunology, "Nonpharmacologic and pharmacologic management of outpatient asthma; question/answer" and "Special situations: status asthmaticus, asthma and pregnancy, surgery, exercise-induced asthma, rhinitis/sinusitis, occupational asthma; question /answer", Houston, Texas, March 2, 1996.

American Academy of Allergy, Asthma and Immunology Annual Meeting:

1. Workshop 1, Building and Home-Related Complaints and Illnesses (Sick Building Syndrome): "Corrective Options and Implications"
2. Workshop 2, Guidelines of Care for Chronic Urticaria and Angioedema: "Other Therapeutic Agents in the Management of Chronic Idiopathic Urticaria and Angioedema". New Orleans, Louisiana, March 15 - 20, 1996.

Florida Allergy, Asthma and Immunology Society, 1996 Annual Meeting: "Recurrent Angioedema and Urticaria - Evaluation and Management", Juniper Beach Resort, Florida, June 6-9, 1996.

Asthma and Allergy Foundation of America, Florida Chapter, and The University of South Florida College of Medicine: Asthma, Allergy and Immunology Seminar: "Rhinitis", Tampa, Florida, January 18, 1997.

Dinner program sponsored by Schering/Key: "New Asthma NHLB Guidelines", Tampa, Florida, March 25, 1997.

Primary Care 1997 Conference: "Rhinitis" and "Case Studies in Asthma", St. Petersburg, Florida, April 2, 1997.

Primary Care Lectureship: "Asthma Case Studies", Tampa, Florida, April 23, 1997.

USF/VA Noon Conference: "Anaphylaxis", Tampa, Florida, April 23, 1997.

3rd Annual Summer Allergy, Asthma and Immunology Review: "Headache from the Allergist's Perspective", Saratoga Springs, New York, July 31, 1997.

Association of Physician Assistance Annual Meeting: "Quality of Life Issues with Allergic Rhinitis and Treatment", St. Petersburg, Florida, August 8, 1997.

Southwest Allergy Journal Club: "Chronic Urticaria", Capitiva Island, Florida, September 12, 1997.

2nd Year Medical Student Lecture: "Overview of Allergic Mechanisms and Diseases", Tampa, Florida, September 12, 1997.

Meeting of the Minds: "Chronic Rhinitis", St. Petersburg, Florida, September 27, 1997.

University Community Hospital, Family Practice Lecture: "Sinusitis: Treatment and Management", Tampa, Florida, October 17, 1997.
Respiratory Disease National Visiting Professors Program, Holy Cross Hospital, CME course: "Anaphylaxis", Ft. Lauderdale, Florida, April 18, 1998.

USF noon conference series: "Urticaria and Angioedema", Tampa, Florida, May 27, 1998.

Sarasota Memorial Hospital grand rounds: "Anaphylaxis", Sarasota, Florida, June 12, 1998.

Florida Allergy, Asthma and Immunology Society annual meeting:
"Discussions on Immunotherapy", Sanibel Island, Florida, June 13, 1998.

Marshfield Medical Clinic lecture series: "Sinusitis", Marshfield, Wisconsin,
July 31, 1998.

University of South Florida College of Medicine, Medical Grand Rounds:
"Sinusitis from the Bench to the Bedside", Tampa, Florida, September 17,
1998.

University of South Florida College of Medicine, OB-GYN Grand Rounds:
"Drug Allergy", Tampa, Florida, April 22, 1999.

Eastern Allergy Conference: "Chronic Urticaria", Palm Beach, Florida, May
5, 2000.

Florida Hospital Medical Residents' Grand Rounds: "Drug Allergy", Orlando,
Florida, September 9, 1999.

All Children's Hospital: "Chronic Urticaria", St. Petersburg, Florida, October
6, 1999.

USF Review on Allergy and Rheumatology Update: "Asthma" and "Rhinitis",
Captive Island, Florida, October 9, 1999.

University of South Florida College of Medicine, Medical Grand Rounds:
"Drug Allergy regarding Antibiotics", Tampa, Florida, November 4, 1999.

The Central Florida Pediatric Society: "Early Treatment of Atopic Children",
Maitland, Florida, November 18, 1999.

All Children's Hospital: "Chronic Urticaria", St. Petersburg, Florida,
September 6, 2000.

University of South Florida College of Medicine Medical Grand Rounds,
"Chronic Urticaria and Angioedema," April 17, 2001 Tampa, FL.

Florida Allergy and Immunology Society Annual Meeting, "Air Cleaners,"
June 16, 2001. St. Augustines, FL

A Panel Discussion on Headaches at Raymond James Stadium, "Sinus
Headaches," October 25, 2001. Tampa, FL

All Children's Hospital Lecture Series, "Drug Allergies," November 7, 2002.
St. Peterburg, FL.

CME courses at Old Memorial Country Club and Tampa Bay Performing
Arts Center on "Allergic Rhinitis", April 3 and April 6, 2002.

New Concepts in the Treatment of COPD. Norartis Advisory Board. May 29,
2002 Tampa

Sinus Headaches. Vth International Headache Conference in Salamanca,
Spain. October 8, 2002.

“Management of the Difficult Urticaria Patient” - Plenary Session. American College of Allergy, Asthma and Immunology Annual Meeting, San Antonio, TX, November 18, 2002.

“Impact of Rhinosinusitis on Asthma”. USF Internal Medicine Grand Rounds, April, 2003.

“Urticaria and Angioedema Review”. American Board of Allergy and Immunology Board Review Course, Chicago, August, 2003.

“Calcineurin Inhibitors in Chronic Idiopathic Urticaria.” American Academy of Allergy, Asthma and Immunology Annual Meeting, San Antonio, Texas March 2005.

“Sinus Headaches.” Farrior Lectureship. Tampa, FL. April 2005

“Urticaria” AAFA Lectureship. Sarasota. FL May 2005

“The Fungal Phenomenon.” USF Medicine Grand Rounds, Tampa, FL. July, 2005

The Annual AAAAI meeting in Miami, FL
Urticaria and Angioedema, and Sinus Headaches
March 3-6, 2006

Sarasota Memorial Hospital Grand Rounds
Urticaria and Angioedema
April 14, 2006

University at Sea on Alaskan Cruise July 2006
Urticaria, Sinusitis, Headaches, Fungal Phenomenon, Food Allergy, Insect Allergy, Drug Allergy

University at Sea Mediterranean Cruise Sept 2007
Urticaria, Fungal Phenomenon, Headaches, Food Allergy, Anaphylaxis, Insect Allergy

USF Medicine Grand Rounds Oct 25, 2007 Sinus Headaches

Annual Richard T. Farrior Lecture Series. “Sinus Headache” at the Bellevue Biltmore Hotel Largo, FL Feb 24, 2008

University at Sea. Bermuda Lecture Series April 16-13, 2008.

Update in Allergy and Immunology Orlando, FL. September 27, 2008,
“Advances in Urticaria: Evaluation and Treatment”

American College of Allergy, Asthma and Immunology Seattle, WA.
November 10, 2008. “ Pathophysiology of Urticaria”

American Lung Association, Pulmonary Care Symposium at USF College of Public Health on “ Vocal Cord Dysfunction and Asthma.” Tampa, May 8, 2009.

USF Medical Grand Rounds. “Vocal Cord Dysfunction and Asthma.” July 16, 2009. Tampa, FL

Florida ACP Meeting. Tradewinds Island Resort on Pathophysiology of Urticaria and Angioedema. St Pete Beach September 12, 2009.

University at Sea Lecture Series. Hawaii Cruise. Oct 10-17, 2009.

World Allergy Congress. "Vocal Cord Dysfunction," "Treatment of Urticaria," "Diagnosis and Treatment of Obstructive Sleep Apnea," "Risk Factors for Anaphylaxis." Buenos Aires, Argentina. December 6-11, 2009.

Indoor Air Quality Association 13th Annual Meeting. Clinical Significance of Indoor Allergens. March 7, 2010. Tampa. FL

Center for Esophageal and Swallowing Disorders. "Pollens and Spores of Florida." May 27, 2010. Tampa, FL

The Fall Allergy Immunology Review. The Evaluation of Drug Allergy. Harbor Island, September 25, 2010.

University at Sea Lecture Series. Oasis at Sea. October 16-23, 2010.

University at Sea Lecture Series. Navigator at Sea. January 29- February 3, 2011.

The Annual Richard T. Farrior, M.D. Lecture Series. Treatment of Nonallergic Rhinitis." February 19-20, 2011. Tampa, FL.

Internal Medicine Grand Rounds. "Autoinflammatory Disorders." September 8, 2011. Tampa. FL.

Annual USF Allergy Immunology Course, Tampa Florida. Oct 15th, 2011. "New treatments of Angioedema."

World Allergy Congress. Cancun, Mexico. December 4th-7th, 2011. "Cutaneous Vasculitis", "Rhinoscopy Course", and "Sinus Headaches." Chaired a session on Drug Allergy.

University at Sea Lecture Series. Celebrity Millennium, July 13-20, 2012.

Publications:

Journal Articles (refereed)

1. Fox RW, Lockey RF, Bukantz SC: Neurologic sequelae following the imported fire ant sting. *Journal of Allergy and Clinical Immunology* 70(2):120-124, 1982.
2. Fox RW, Samaan SS, Bukantz SC and Lockey RF: Theophylline kinetics in a geriatric age group. *Journal of Clinical Pharmacology and Therapeutics* 34(1):60-67, 1983.
3. Fox RW, Samaan SS, Lockey RF, Bukantz SC: A study of ioxtriphyllyline SA in fifty asthmatics. *Journal of Asthma* 20(3):177-181, 1983.
4. Fox RW, Lockey RF, Bukantz SC, Serbousek D: Treatment of mild to severe chronic idiopathic urticaria with astemizole. *Journal of Allergy*

and Clinical Immunology 78:1159-66, 1986.

5. Minor MW, Fox RW, Bukantz SC, Lockey RF: Melkersson-Rosenthal Syndrome. *Journal of Allergy and Clinical Immunology* 80:64-67, 1987.
6. Grant JA, Bernstein IL, Buckley CE, Chu T, Fox RW et al: Double-blind comparison of terfenadine, chlorpheniramine and placebo in the treatment of chronic idiopathic urticaria. *Journal of Allergy and Clinical Immunology* 81:574-579, 1988.
7. Kemp JP, Falliers CJ, Fox RW, Guill MF, Segal AT: A multi-center, open study of the non-sedating antihistamine, terfenadine (Seldane), in the maintenance therapy of seasonal allergic rhinitis. *Annals of Allergy* 60:349-354, 1988.
8. Monroe EW, Fox RW, Green AW, Izuno GT, Bernstein DI, Pleskow WW, Willis I, Brigante JR: Efficacy and safety of Loratadine (10 mg OD) in the management of idiopathic chronic urticaria. *J Am Acad Dermatol* 19:138-139, 1988.
9. Environmental controls in lung disease. Report of the ATS Workshop on Environmental Controls and Lung Diseases. Jonathan Samet, Chairman; Roger Fox, Participant. *Am Rev Respir Dis* 142:940-963, 1990.
10. Monroe EW, Bernstein DI, Fox RW, et. al: Relative Efficacy in Safety of Loratadine Hydroxyzine, and Placebo in Chronic Idiopathic Urticaria. *Drug Research* 42:1119-1121, 1992.
11. Trudeau WL, Fernandez-Caldas E, Fox RW, Brenner R, Lockey RF: Allergenicity of the cat flea (*Ctenocephalides felis felis*). *Clinical Experimental Allergy*, 23:377-383, 1993.
12. Tinkelman DG, Reed CE, Nelson HS, Offord KP, (Fox RW, Principal Investigator): Aerosol beclomethasone dipropionate compared with theophylline as primary treatment of chronic, mild to moderately severe asthma in children. *Pediatrics*, 92:64-77, 1993.
13. Fox RW: Air Cleaners. A Review *Journal of Allergy and Clin Immunol*, 94:413-6, 1994.
14. Calderon E, O'Neil ML, Fox RW, Calderon-Moncloa J: Chronic Sinusitis in Children. *J Invest Allergol Clin Immunol*, 6(1):5-13, Jan-Feb, 1996.
15. Israel E & Asthma Study Group including Fox RW: The effective treatment with Zileuton, a 5-Lipoxygenase inhibitor in patients with asthma: A Randomized Controlled Trial. *JAMA*, 275:931-936, 1996.
16. Fox RW: Allergic Skin Diseases. *J Fla Med Assoc*, 83(6): 394-7, 1996.
17. Kelso JM, Fox RW, Jones RT, Yunginger JW: Allergy to iguana. *J Allergy Clin Immunol*, 106(2):369-372, August 2000.
18. Fox RW: Chronic Urticaria: Mechanisms and Treatment. *Allergy Asthma Proceedings*, 22: 97-100, 2001.

19. Fox RW: Chronic urticaria and/or angioedema. Clin Rev Allergy Immunol, 23(2): 143-5, 2002.
20. Fox RW: Participated in work group on allergen cross- reactivity. Allergen Immunotherapy – A Practice Parameter. Annals of Allergy, Asthma and Immunology, 90: 1-40, 2003.
21. Codina R, Fox RW, Lockey RF, et al. Typical levels of airborne fungal spores in houses without obvious moisture problems during a rainy season in Florida. Investigational Allergology and Clinical Immunology Vol 18 (3), 2008.
22. Phillips J, Lockey R, FoxR, Ledford D, Glaum M. Systemic reactions to subcutaneous allergy immunotherapy and response to epinephrine. Allergy Asthma Proceed 32:1-7, 2011
23. Pesek R, Fox R, First 2 cases of Schnitzler Syndrome treated with Ilaris, accepted in Cutis.
24. Berstein JA, Fox,Rw, Martin VT, Lockey RF: Headache and Facial Pain: Differential Diagnosis and Treatment. J Allergy Clin Immunol: In Practice 2013; 1:242-51.

**Journal Articles
(non-refereed)**

1. Lockey RF and Fox RW: Allergic emergencies. Hospital Medicine 15(61):64-78, 1979.
2. Fox RW: How to relieve the itch and discomfort of atopic dermatitis. Modern Medicine 51:118-131, 1983.
3. Samaan SS, Fox RW, Bukantz SC, Lockey RF: The effect of age and circadian rhythm on theophylline pharmacokinetics in normal subjects. New England and Regional Allergy Proceedings 4(4):279-283, 1983.
4. Fox RW: How to relieve the itch and discomfort of atopic dermatitis. Modern Medicine of Australia 27:33-41, 1984.
5. Fox RW: Chronic idiopathic urticaria: successful two-month treatment with astemizole. In Focus on Astemizole in chronic urticaria. Oxford Medical Education Services, 1985:12.
6. Harding V, Russell D, Fox RW: Diagnostic challenge: Hypocomplementemic urticarial vasculitis syndrome. Allergy Observer 6:2-6, 1989.
7. Lockey RF, Fox RW et al: Loratadine (SCH 29851) 10 mg o.d. Versus Clemastine 1 mg b.i.d. in the Treatment of Perennial Allergic Rhinitis. Immunology & Allergy Practice 11:10-16,

1989.

8. Lockey RF, Fox RW, Ledford DK: What is allergy? Membership Bulletin of the Asthma and Allergy Foundation of America. September 10, 1989.
9. Fernandez-Caldas E, Fox RW: House dust mite allergy in Florida. New England Regional Allergy Proceedings 11:263-267, 1990.
10. Fox RW: Quality of Life Issues in Rhinitis and Congestion. J Resp Dis (8 Suppl) 13:S34-S38, 1992.
11. Fernandez-Caldas E, Fox RW: Environmental control of indoor air pollution. Med Clin North Am, 76(4): 935-52, 1992.
12. Fox RW: Reducing the Risk of Systemic Reactions to Immunotherapy. J Resp Dis 14:512, 1993.
13. Lockey RF, Fox RW, Ledford DK: What Allergists say about Allergy. In People Living with Allergies Year-round. A Marion Merrell Dow, Inc. bulletin. Gem Communications, Inc., Norwalk, CT, 2(3):8-11, Fall 1994.
14. Fox RW: How to Treat Chronic Idiopathic Urticaria and Angiodema. Dermatology Times, April 10, 1995.
15. Fox RW: Update on Urticaria and Angioedema (hives). Allergy Proceedings, 16:289-292, 1995.
16. Fox RW: Allergic Skin Diseases. The Journal of the Florida Medical Association, Inc., 83(6):394-397, June/July 1996.
17. Fox RW: Case Report: Identical Twin Sisters with Hypocomplementemic Urticarial Vasculitis. Allergy & Clinical Immunology International, 11(6):234-236, Nov-Dec, 1999.
18. Fox RW, Lockey RF: The Impact of Rhinosinusitis on Asthma. Current Allergy and Asthma Reports, 3:513-518, 2003.

**Textbook
Chapters**

1. Fox RW and Lockey RF: Immediate Hypersensitivity and Immune Complex Disease. In: Circulating Immune Complexes in Clinical Medicine. Espinoza LR, Osterland CK (eds), Futura Publishing Co., New York, New York, 1982, pp 295-319.
2. Siegel RL and Fox RW: A Longitudinal Study of a Patient with Acquired Immunodeficiency Syndrome. In: Proceedings of the Symposium on Biological Response Modifiers in Human Oncology and Immunology. Eds H. Freidman and T. Klein, Plenum Press, 1983, pp 295-303.
3. Samaan SS, Fox RW, Bukantz SC, Lockey RF: Comparison of Diurnal and Nocturnal Theophylline Levels at Steady-State. In: Annual Review of Chronopharmacology. Eds. Remby A, Smolensky M, Labresque G, Pergamon Press, New York, 1984, Volume 1, pp 69-72.

4. Fox RW and Lockey RF: The Role of Immunotherapy in Asthma. In Bronchial Asthma, Second Edition. Gershwin ME (Ed), Grune and Stratton, Orlando, Florida, 1986, pp 371-392.
5. Samaan SS, Fox RW, Bukantz SC, Lockey RF: The Effects of Age and Circadian Rhythm on Theophylline Pharmacokinetics in Normal Subjects. In: Current Treatment of Ambulatory Asthma. Setticone GA (ed), New England and Regional Allergy Proceedings, Providence, Rhode island, 1986, pp 87-91.
6. Fox R, Russell D: Treatment of Chronic Urticaria. Management of the Difficult Allergy Patient. In: Immunology and Allergy Medical Clinics of North America. Kemp J. (Ed), W. B. Saunders, 11(1):45-63, 1991.
7. Fernandez-Caldas E, Fox RW: Environmental Control of Indoor Air Pollution. In: Medical Clinics of North America. Bush R (ed), W.B. Saunders, 76(4):935-952, 1992.
8. Fox RW, MKSAP-AI: Allergy Immunology Syllabus and Questions, Anaphylaxis, pp. 55-65, 1993. Contributing Editor.
9. Fox RW, Lockey RF: The Role of Immunotherapy in Asthma. In: Bronchial Asthma: Principles of Diagnosis and Treatment. 3rd edition. Gershwin ME, Halpern GM (eds), Humana Press Totowa, NJ, 1994.
10. Fernandez-Caldas E, Fox RW, Richards I, Brooks S: Indoor air Pollution, Chapter 36. In: Environmental Medicine, pp. 3-21, Brooks S (ed), Mosby, St. Louis, 1994.
11. Fox RW: Urticaria and Angioedema. In: Current Practice in Medicine, Volume 2. Bone RC (ed), Churchill Livingstone, Inc., Philadelphia, PA, 1996, VII: 8.1-Y8.9.
12. Fox RW, Lockey RF: Allergen Immunotherapy. In: Allergic Diseases—Diagnosis and Treatment. Lieberman P and Anderson JA (eds), Humana Press, Inc., Totowa, NJ, 1997. pp 363-375.
13. Fox RW: Urticaria and Angioedema. In: Current Practice of Medicine, Vol 1(1), Fitzgerald F (series editor), Lieberman PJ (section editor). Current Medicine, Inc., Philadelphia, PA., 1998, pp 141-150.
14. Fox RW: Urticaria and Angioedema. In: Current Practice of Medicine, Vol 2 (9), Gotto AM (editor-in-chief), Lieberman P (section editor), Current Medicine, Inc., Philadelphia, PA, 1999, pp 1783-1793.
15. Fox RW, Lockey RF: Allergen Immunotherapy. In: An Expert Guide to Allergy and Immunology, Slavin RG and Reisman RE (eds), American College of Physicians-American Society of Internal Medicine, Philadelphia, PA, 1999, pp 211-226.
16. Fox RW: Allergic Diseases of the Skin-Urticaria. In: Atlas of Allergic Diseases, 1st edition, Lieberman P and Blais M (eds), pp 73-83, Current Medicine, Inc., Philadelphia, PA, 2002.
17. Fox RW: Urticaria and Angioedema. In: Best Medical Practice, an internet text for primary care physicians. Lieberman P and Blais M

(allergy sections eds), Praxis Press, New York, NY, 2001.

18. Fox RW. The fungal phenomenon. *Current Allergy and Asthma Reports* 2004; 4:415-416.
19. Fox RW: Allergic Diseases of the Skin-Urticaria. In: *Atlas of Allergic Diseases*, 2nd edition. Lieberman P and Blais M (eds). pp 73-85, Current Medicine, Inc., Philadelphia, PA, 2005.
20. Fox RW, Lockey RF: Allergen Immunotherapy. In: Allergic Diseases- Diagnosis and Treatment, Lieberman P and Anderson JA (eds), 3rd edition, Humana Press, Totowa, NJ, 2000, pp 429-444, 2007
21. Chronic Urticaria and Angioedema.
In: Clinical Reviews in Allergy and Immunology
Editor: Fox RW
Humana Press, Totowa, NJ, October, 2002.
22. Vocal Cord Dysfunction Syndrome for WAO Text on Comorbidities in Asthma to be published on World Allergy Organization Website.

Editor

Editor: Allergy Section, Physicians' Decisions.com- Decision-Oriented Information for Primary Care Physicians, PDX MD, London, 2001

Internet Publications

Fox RW: Urticaria and Angioedema. In *Best Practice of Medicine*. An internet text for primary care physicians. Lieberman P and Blais M (allergy section editors). (<http://praxis.md>). New York: Praxis Press, 2001.

Developing an innovative educational iTunes U program on "Fiberoptic Rhinologyngoscopy" in collaboration of the USF Division of Allergy and Immunology and the ACGME.

Community Service

Florida Lung Association Lectures: "Asthma at School", 1980-1982, Tampa and surrounding areas.

Florida Nursing Association Lecture: "Basic Immunology", March 21, 1982, Brooksville, Florida.

Hillsborough County School System Psychologists Lecture: "Effects of Asthma and Allergy on School Age Children", May 5, 1982, Tampa, Florida.

Hernando County Medical Association: "Drug Allergy", February 16, 1983.

Gateway Hospital Continuing Medical Education Course for Staff Physicians: "Asthma", June 13, 1984.

Asthma and Allergy Foundation of America: Conference on Allergic Diseases and Asthma for Patients, "Drug Allergy", November 10, 1984, Tampa, Florida.

Asthma and Allergy Foundation of America: Conference on Allergic Diseases and Asthma for Patients, "Drug Allergy", March 23, 1985, Sun City Center, Florida.

Tampa Registered Dieticians at the University of South Florida, "Food Allergies", January 16, 1985.

James A. Haley Veterans Administration Hospital Dental Service: "Penicillin Allergy", April 2, 1985, Tampa, Florida.

Emergency Department Nurses Lecture, University Community Hospital: "Treatment of the Patient with an Allergic Reaction", April 10, 1985.

Summer Science Institute Hillsborough County Public School System: "Allergies", Tampa, Florida, July 3, 1985.

Asthma and Allergy Foundation of America Conference on Allergic Diseases and Asthma for Patients: "Hayfever", Tampa, Florida, November 16, 1985.

Asthma and Allergy Foundation of America: "Stop the Sneeze", Informathon, April 29, 1986.

Asthma and Allergy Foundation of America Conference on Pediatric and Adult Asthma: Understanding the Disease and the Treatment, Program Director, "Treatment of Asthma with Theophylline", Tampa, Florida, May 17, 1986.

University Community Hospital Medical Lecture Series: "Allergies and Asthma", Tampa, Florida, June 12, 1986.

Florida Dieticians Association: "Adverse Reactions to Food Additives", Sand Key, Florida, June 22, 1986.

Hillsborough County Pharmacists Association: "Treatment of Hayfever", Tampa, Florida, September 18, 1986.

Asthma and Allergy Foundation of America. "Hayfever and Asthma", Tampa, Florida, October 27, 1986.

University Community Hospital Medical Lecture Series: "Sinusitis", Tampa, Florida, April 9, 1987.

University Community Hospital Medical Lecture Series: "Allergy and Asthma", Tampa, Florida, June 18, 1987.

Asthma and Allergy Foundation of America Conference on Pediatric and

Adult Asthma: Public Forum - Asthma and Allergy Awareness Week, Tampa, Florida, May 7, 1988.

University Community Hospital Medical Lecture Series: "Food and Food Additive Allergies", Tampa, Florida, June 2, 1988.

University Community Hospital Medical Lecture Series: "Rhinitis and Hayfever", Tampa, Florida, January 31, 1989.

Plant City Hospital Medical Rounds: "Asthma", September 18, 1990.

Hillsborough County Pharmacist Association: "Inhalational Therapy for Pulmonary Diseases", Brandon, Florida, September 30, 1990.

University Community Hospital Well Informed Series, sponsored by the Asthma and Allergy Foundation of America: "Sinusitis", Tampa, Florida, February 6, 1991.

Hillsborough County Public School Education Conference: "Effects of Allergies on Children's School Performance", Jefferson High School, Tampa, Florida, February 8, 1991.

Judge, International Science and Engineering Fair, Orlando, Florida, May 8, 1991.

Asthma and Allergy Foundation of America, University Community Hospital, "Air Cleaners", March 4, 1993.

Physical exams, Special Olympics, athletes for the Hillsborough County Medical Association, October 26, 1994.

UCH Health Source sponsored by University Community Hospital, Tampa, Florida, April 9, 1998, "Living with Sinusitis".

University Community Hospital for Senior Care: "Allergies and Asthma", May 17, 2000.

TGH Outreach Lecture Series on "Eczema" Hyde Park Feb 28, 2008.

Abstracts

- *1. Lockey RF, Fox RW, Bukantz SC: Neurologic sequelae (NS) following the imported fire ant (IFA) sting. J Allergy Clin Immunol, Supplement to Vol 67:31, 1981.
- *2. Fox RW, et al. Immunologic evaluation of a fixed drug eruption to pseudoephedrine. Annals of Allergy 47:120, 1981.
- *3. Fox R, Bukantz S, Lockey RF, Samaan S: Theophylline bioavailability in a geriatric age group. Annals of Allergy, 47:142, 1981.
- *4. Fox R, Bukantz S, Millns J, Espinoza L, Lockey R: Immunologic aspects of fixed drug eruptions. Annals of Clinical and Laboratory Science 7:439, 1981.

- *5. Bukantz S, Samaan S, Fox R, Lockey R:
Pharmacokinetics of theophylline in geriatrics. XI International Congress of Allergology and Clinical Immunology, Abstract 320P, 1982.
- *6. Siegel RL, Fox RW: A longitudinal study of a patient with acquired T cell deficiency using T cell subset analysis. Internaitonal Symposium on Biological Response Modifiers (BRM) in Human Oncology and Immunology, Tampa, 1982.
- *7. Siegel RL, Conarroe D, Fox RW: T-cell subpopulation analysis of a patient with the acquired immunodeficiency syndrome (AIDS). Sixth Annual Resarcher Seminar, Abstract 24, February 5. 1983.
- *8. Fox R, Samaan S, Bukantz S, Lockey R: Comparison of diurnal and nocturnal theophylline disposition. First Internal Montreux conference of Chronopharmacology, Montreux, Switzerland, March 26-30, 1984.
- *9. Lockey R, Fox R, Millns J, Espinoza C, Bukantz S:
Probable immunologic role of Langerhan's cells in fixed drug eruption (FDE) to pseudoephedrine (PS). Journal of Allergy and Clinical Immunology 73(1):136, 1984.
- *10. Fox R, Samaan S, Bukantz S, Lockey R: Comparison of diurnal and nocturnal theophylline disposition. J Allergy Clin Immunol 73(1):172, 1984.
- *11. Samaan S, Fox RW, Bukantz SC, Lockey RF:
Comparison of theophylline (T) disposition in elderly smokers and non-smokers. J Allergy Clin Immunol 73(1):134, 1984.
- *12. Samaan SS, Fox RW, Walker CA: Chronopharmacokinetics of Theophylline in Man. IX International Congress of Pharmacology, London, Enbglan, July, 1984.
- *13. Fox RW, Bukantz SC, Lockey RF: Treatment of chronic idiopathic urticaria (CIU) with astemizole (A). J Allergy Clin Immunol, Supplement, 75(1):167,1985.
- *14. Kemp JP, Falliers CJ, Fox RW, Guill MF, Segal AT: Terfenadine in the maintenance therapy of seasonal allergic pollenosis. XII International Ckongress of Allergology and Clinical Immunology. Washington, D.C., October 20-25, 1985. Annals of Allergy, 55:283, 1985.
- *15. Fox RW, Fernandez-Caldas E, Bucholtz GA, Reed CE, Lockey RF: Tampa Bay house dust mites (HDM) survey. J Allergy Clin Immunol 79(1):194, 1987.
- *16. Fox R, Lockey R: Treatment of severe, chronic urticaria (SCU) with dapson. J Allergy Clin Immunol 81(1):260, 1988.
- *17. Trudeau W, Fox R, Fernandez-Caldas E, Lockey R: Flea, an indoor allergen. J Allergy Clin Immunol 81(1):310, 1988.

- *18. Fernandez-Caldas E, Fox R, Trudeau W, Lockey R: Allergenicity of the mite, Blomia tropicalis. J Allergy Clin Immunol 81(1):270, 1988.
- *19. Banerji D, Fox R, Seleznick M, Lockey R: A controlled trial of oral nalmefene (N) in chronic urticaria (CU) and atopic dermatitis (AD). J Allergy Clin Immunol 81(1):252, 1988.
- *20. Fox R, Lockey R, Altman L, Lieberman P, Wasserman S, Whitcomb N, Altman R, Love S, Samuels L: Cetirizine in the treatment of seasonal rhinitis. 45th Annual Meeting of the American Academy of Allergy and Immunology, Feb. 24 – March 1, 1989, San Antonio, Texas. J Allergy Clin Immunol 83(1):307, 1989.
- *21. Trudeau W, Fernandez-Caldas E, Fox R, Lockey R: Mite aeroallergen concentrations before, during and after vacuum cleaning. 45th Annual Meeting of the American Academy of Allergy and Immunology, Feb. 24 – March 1, 1989, San Antonio, Texas. J Allergy Clin Immunol 83(1):264, 1989.
- *22. Brooks SM, Fox RW, Spaul W, Fernandez-Caldas E, Lockey RF: Host factors for developing symptoms from indoor air pollution. Submitted to 1989 American Thoracic Society Meeting. AM Rev Resp Dis 139(4):A1-A652, 1989.
- *23. Fernandez-Caldas E, Trudeau W, Fox RW, Bucholtz GA, Lockey RF: Comparison of mite specific IgE and total IgE levels in rhinitis and asthma patients. J Allergy Clin Immunol 85(1):325, 1990.
- *24. Fox RW, Lockey RF, Altenburger K, Cohan R, Klotz S: Clinical evaluation of the safety and efficacy of astemizole/pseudoephedrine combination in the treatment of fall hayfever. J Allergy Clin Immunol 85(1):243, 1990.
- *25. Monroe E, Fox R, et al: Comparative efficacy and safety of loratadine, hydroxyzine and placebo in chronic idiopathic urticaria. J Allergy Clin Immunol 87:224, 1991.
- *26. Reed C (Principal Investigator), Fox R (Medical Center Director): A comparison of aerosol beclomethasone and oral theophylline as primary treatment of chronic asthma. American Academy of Allergy and Immunology Study Group. J Allergy Clin Immunol 87:202, 1991. (Abstracts 253-256). I. Study design and methods, II. Efficacy, III. Adverse events, IV. Conclusions.
- *27. Honsinger RW, Bernstein D, Fox R, Grabiec S, Kalivas J, Katz I, Monroe E, Cuss F, Garvin P, Lutsky B: Treatment of chronic idiopathic urticaria with loratadine, hydroxyzine, or placebo, a multi-centered, double-blind study. European Academy of Dermatology and Venereology. Athens, Greece, October 12, 1991.
- *28. Moscicki RA, Fox R, Kailasam V, Eisen J: Astemizole: steroid-

sparing effect in chronic urticaria. *J Allergy Clin Immunol*, 89: 249, 1992.

- *29. Honsinger RW, Monroe E, Fox R, et al: Chronic idiopathic urticaria treatment with SCH 373730, and inhibitor of histamine and platelet activating factor. *J Allergy Clin Immunol*, 91:246, 1993.
- *30. Thompson M, Shearer D, Lockey RF, Fox RW, Ledford DK: Systemic Reactions to Percutaneous (P) and Intradermal (ID) Skin Tests (ST). American Academy of Allergy Asthma and Immunology 54th Annual Meeting, Washington, D.C., March 13-18, 1998. *J Allergy Clin Immunol* 101(1) Part 2: S30, January 1998.
- *31. Fox RW, Codina R, Lockey RF: Possible Role of Molds as Secondary Etiologic Agents of the Asthma Epidemics in Barcelona, Spain. American Academy of Allergy, Asthma and Immunology 54th Annual Meeting, Washington, D.C., March 13-18, 1998. *J Allergy Clin Immunol* 101(1) Part 2:S228, January 1998.
- *32. Tan BM, Fox RW, Lockey RF, Good RA: Imported Fire Ant (IFA) Anaphylaxis Associated Seizure – A Case Report. American Academy of Allergy Asthma and Immunology 56th Annual Meeting, San Diego, California, March 3 - March 8, 2000. *J Allergy Clin Immunol* 105(1) Part 2:S58, January 2000.
- *33. Dvorin DJ, Pepsin PJ, Srebro S, Edwards L, Bowers B, Rickard KA, FP Study Group: Switching asthma patients from low dose inhaled corticosteroids to low dose fluticasone or zafirlukast. *J Allergy Clin Immunol* 105(1): S58, January 2000.
- *34. Ramirez NC, Lockey RF, Fox RW, Kornfeld SJ: Melkersson-Rosenthal Syndrome: A Rare Cause of Orofacial Edema. *J Allergy Clin Immunol* 109(1): S129, January, 2002.
- *35. McKnight S, Fox RW, Crockett RE, Lockey RF. Anaphylactic Reaction to High-Dose Methotrexate with Successful Desensitization. *J Allergy Clin Immunol*, 111:S288 (#879), 2003.
- *36. DiMarco P, Codina R, Bagg A, Fox R, Lockey R. Indoor Fungal Spore Survey of Normal Homes in Central Florida. AAAAI meeting in San Antonio, March, 2005.
- *37. Chacko T, Glaum M, Ledford D, Fox R, Lockey R. Systemic Reactions to Percutaneous and Intradermal Skin Tests. *J Allergy Clin Immunol* 2007; 119: S58. (#225) San Diego, CA
- *39. Kim D, Fox R: Melkersson-Rosenthal Syndrome Case Reports. Florida Allergy and Immunology Society. Orlando, FL June 20, 2009.
- *40. Phillips JF, Lockey RF, Fox RW, Ledford DK, Glaum MK. Systemic Reactions to subcutaneous allergen immunotherapy and the response to epinephrine. Abstract 257. World Allergy Congress. Buenos Aires, Argentina. December 8, 2009.

- *41 Fox R, Pesek R, Lockey R. First Reported Cases of Schnitzler Syndrome Successfully Treated with Canakinumab (anti-IL-1-beta). Abstract Number: 877 AAAAI Annual Meeting. March 22, 2011.
- *42. Butt A, Rashid D, Fox R, Lockey RF: Urticaria and Arthralgias in a Nine-Year Old with Recurrent Urinary Tract Infection. World Allergy Congress, Cancun, Mexico, December 4 – 8, 2011.
- *43 Shearer D, Lockey RF, Fox R, Ledford D, Glaum M: Incidence of Systemic Reactions (SRs) to Prick (P) and Intradermal (ID) Tests, Response to Immediate (“Stat”) Epinephrine IM (epi IM) Dose Vs. BMI, Number of Delayed SRs, and WAO Systemic Reaction Grade. XXII World Allergy Congress
- *44. Alkhalil M, Shearer D, Hattaway S, Fox R, Glaum M, Ledford D, Lockey RF: Body Mass Index (BMI) and Immediate (“Stat”) Dose of Epinephrine IM (epi IM) Needed to Treat Subcutaneous Allergen Immunotherapy (SCIT) Systemic Reactions (SRs). XXII World Allergy Congress, Cancun, Mexico, December 4 – 8, 2011.
- *45. Butt A, Talreja N, Fox R. Desensitization for Fabryzyme in a patient with Fabry’s Disease. Accepted to the Annual meeting of ACAAI

**Pharmaceutical
Funding**

(Principal Investigator or Co-Investigator):

Key Pharmaceutical Company: "Sustain Released Theophylline Studies in the Geriatric Age Group: Bioavailability and Pharmacokinetics". Funded 1980 - 1981.

Parke-Davis: "Clinical Pharmacology Study of Choledyl SA Tablets". Funded 1982-1983.

Merrell-Dow Pharmaceuticals: "Long Term Study of Terfenadine in the Treatment of Allergic Rhinitis". Funded October 1983 – October 1984.

Janssen Pharmaceuticals: "Clinical Investigation of the Safety and Efficacy of Astemizole (R43,512) in the Treatment of Chronic Urticaria". Funded November 1983 - November 1984.

Merrell-Dow Pharmaceuticals, Inc.: "Multicenter Open-Label Evaluation of

the Continued Clinical Response to Terfenadine 60 mg. Tablets in the Treatment of Seasonal Allergic Rhinitis". Funded August 1984 - August 1985.

Burroughs Wellcome Company: "An Open Variable Dose, Multicenter Evaluation of BW 825C and Pseudoephedrine HCl Administered for Two Weeks in the Treatment of Allergic Rhinitis Symptoms (Protocol P39 15)". Funded September, 1984 - September 1985.

Merrell-Dow Pharmaceuticals, Inc: "A Multicenter Study of the Safety and Efficacy of Terfenadine, 60 mg. T.I.D., in Comparison to Chlorpheniramine, 4 mg. T.I.D., and Placebo in the Treatment of Chronic Idiopathic Urticaria". Funded March 1985 - March 1986.

Pfizer Pharmaceuticals: "A Double Blind Parallel Multisite Study of the Safety and Efficacy of Different Doses of Cetirizine Versus Placebo in the Treatment of Chronic Urticaria in Atopic Patients". Funded November 1985 – November 1986.

Schering-Plough Corporation: "Safety and Efficacy of SCH 29851 (10 mg OD) versus Tavist in Patients with Perennial Allergic Rhinitis". Funded December 1985 - December 1986.

Schering Corporation: "The Efficacy and Safety of SCH 29851 (10mg) in the Management of Idiopathic Chronic Urticaria". Funded August 1986 - December 1986.

GlaxoWellcome, Inc.: "Comparison of the Efficacy and Tolerance of Beclovent Oral Inhaler in Combination with Ventolin Inhaler to Theobid Jr. Duracap Capsules in Combination with Ventolin Inhaler to Beclovent Oral Inhaler in Combination with Ventolin Inhaler and Theobid Jr. Duracap Capsules in Adults with Chronic Asthma". Funded August 1986 - August 1987.

Schering-Plough Corporation. Pilot Study of the Efficacy and Safety of Nalmefene (SCH 39603) in Patients with Severe Pruritus. Funded March 1987.

Janssen Pharmaceuticals: "Multicenter Protocol For the Clinical Evaluation of the Safety and Efficacy of an Astemizole (R 43,512)/Pseudoephedrine SR Combination in the Treatment of Seasonal (Fall) Allergic Rhinitis". Funded September 1987 - October 1987.

Hoffman-La Roche, Inc.: "Ro 23-6240 Fleroxacin in Bronchitis. A Randomized, Multi-dose, Double-blind Study Versus Amoxicillin". Funded December 1988 – June 1989.

American Academy of Allergy and Immunology and GlaxoWellcome, Inc.: "Comparison of Theophylline and Aerosol Beclomethasone Dipropionate Therapy of Asthma". Funded December 1988 – December 1989.

Wallace Laboratories: "Double-Blind, Placebo-Controlled Study of the Safety and Effectiveness of Combined Azelastine and Theophylline Therapy in the Management of Subjects with Bronchial Asthma". Funded March 1988 - March 1990.

Eli Lilly Company: "Loracarbef Versus Cefaclor in Bronchitis". Funded December 1988 – July 1990.

Schering Corporation: "A Multi-Center Comparative Efficacy and Safety Study of SCH 29851 10 mg Hydroxyzine 75 mg (Atarax) and Placebo in the Management of Chronic Idiopathic Urticaria". Funded February 1989 - July 1990.

G.H. Besselaar: "A Multiple Dose Comparison of the Combination of Ipratropium Albuterol with its Component in a 12-week Parallel Study in Adults with Chronic Obstructive Pulmonary Disease (COPD)". Funded July 1989 – July 1990.

Boehringer Ingelheim Pharmaceuticals, Inc.: A Multiple Dose Comparison of the Combination of Ipratropium Albuterol with Its Components in a 12-Week, Parallel Study in Adults with Chronic Obstructive Pulmonary Disease (COPD). July 1989 - January 1991.

The R.W. Johnson Pharmaceutical Research Institute: Noverastine: Efficacy and Safety Versus Terfenadine and Placebo in Ragweed Rhinitis. July 1990 - April 1991.

The R.W. Johnson Pharmaceutical Research Institute: Noverastine: Dose Ranging in Chronic Idiopathic Urticaria. December 1990 - December 1991.

Schering-Plough Research: A Pilot Study to Determine the Relative Efficacy and Safety of SCH 37370, Hydroxyzine and Placebo in Idiopathic Chronic Urticaria Patients. December 1990- December 1991.

The Upjohn Company: Co-investigator: Treatment of AIDS-associated cachexia patients with Halotestin® tablets. August 15, 1991- June 30, 1994.

Janssen Pharmaceuticals: Multicenter Protocol for the Evaluation of Hismanal D Compared to Seldane D and Placebo. March 1992 - June 1992.

Abbott Laboratories: Phase III Study of the Effects of Zileuton 600mg QID in Patients with Moderate Asthma Completing Protocol M91-685. Protocol M92-744. November 3, 1992.

Schering Corporation: Theophylline Sprinkle Study. March 1992 – March 1993.

Abbott Laboratories: Co-investigator: Phase III Study of the effects of Zileuton 600 mg QID in patients with moderate asthma completing (M92-744), November 3, 1992- February 4, 1994.

G.D. Searle & Company: A Multicenter Study to Evaluate the Correlation Between Clinical Signs and Symptoms of Infection and the Pathogens Isolated in Patients with Acute Exacerbation of Chronic Bronchitis. January 8, 1993.

G.H. Besselaar: Loracarbef versus Ceftin in Bronchitis. April 1992 - April 1993.

Abbott Pharmaceutical: Zileuton in the Treatment of Asthma. May 1992 – May 1993.

Janssen Pharmaceuticals: A Double-Blind Placebo-Controlled Study to Determine the Minimum Effective Dose of Levocabastine Nasal Spray in Treatment of Seasonal Allergic Rhinitis. August 1993 –December 1993.

Schering-Plough: Study of the Efficacy and Safety of Cefabutem (SCH 39720) vs. Amoxicillin/Clavulante in the Treatment of Acute Maxillary Sinusitis. September 1993 - February 1994.

ICI Pharmaceuticals Group: Co-investigator: A multicenter double-blind placebo-controlled trial of ACCOLATE (ICI 204,219) in mild-to-moderate asthmatic patients needing chronic treatment: 13 weeks efficacy and up to a two-year open label safety (Protocol 9188IL/0029), January 11, 1993-present.

G.H. Besselaar Associates: Co-investigator: Loracarbef versus Cefitin® in the treatment of acute exacerbation of chronic bronchitis (GHBA-412), February 16, 1993- December 31, 1993.

Marion Merrell Dow Co-investigator: A placebo-controlled, double-blind, randomized parallel study comparing duration of action and safety and efficacy of four dosage strengths of terfenadine in the treatment of fall allergies (SEPR0051), August 2, 1993- December 10, 1993.

Janssen Co: Co-investigator: Double-blind, placebo-controlled study to determine the minimum effective dose of levocabastine nasal spray in the treatment of seasonal allergic rhinitis (LEV-USA-16), August 13, 1993- November 24, 1993.

Pfizer, Inc: Co-investigator: A multicenter, randomized, double-blind, placebo-controlled study of the efficacy and safety of four weeks treatment with oral CP-80,633 in adult patients with chronic mild-to-moderate asthma. July 1993 -November 1993.

Pfizer, Inc: Co-investigator: A double-blind, parallel, multi-center study of the safety and efficacy of cetirizine versus terfenadine and placebo in the treatment of seasonal allergic rhinitis (93-S-0017), July 29, 1993- September 24, 1993.

ICI Pharmaceuticals Group: Co-investigator: A multicenter, randomized, double-blind study to compare the effect of oral doses of ACCOLATE (ICI 204,219) with placebo over 13 weeks in subjects with mild-to-moderate asthma (9188IL/0028), January 1993 to April 1994.

Boehringer-Ingelheim: Co-investigator: Randomized, multiple-dose, double-blind comparison of COMBIVENT® and Ventolin® in a four-week, parallel study in patients with chronic obstructive pulmonary disease (COPD)-- Protocol 01029, April 1993 to May 1994.

ICI Pharmaceuticals Group: Co-investigator: A multicenter, double-blind comparison of ACCOLATE (ICI 204,219) with cromolyn sodium (Intal®, Fisons) and placebo in mild-to-moderate asthmatic patients (9188IL/0057), August 1993 to January 1994.

ICI Pharmaceuticals Group: Co-investigator: A multicenter, double-blind, efficacy trial to compare ACCOLATE (ICI 204,219) given at 160 mg/day with placebo over 13 weeks to subjects with chronic, severe asthma (9188IL/0032), October 1993 - February 7, 1994.

Pfizer: A Multicenter Randomized Double-Blind Placebo-Controlled Study of the Efficacy and Safety of 4 Weeks Treatment with Oral CP-80,633 in Adult Patients with Chronic Mild to Moderate Asthma. July 1993 - February 1994.

Zeneca Pharmaceuticals Group: Co-investigator: A multicenter, randomized, double-blind study to compare the effect of oral doses of Zeneca D2138 with placebo over four weeks in patients with bronchial asthma (2138IL/0014), February 21, 1994- May 26, 1994.

Pfizer: Co-investigator: A double-blind parallel multi-center study of the safety and efficacy of cetirizine and clemastine vs. placebo in the treatment of seasonal allergic rhinitis in children (L-0269), April 2, 1994- July 30, 1994.

Astra-Draco: Co-investigator: A double-blind, randomized, placebo-controlled study to determine the relative efficacy of four different doses of Budesonide Turbuhaler® in patients with luco-corticosteroid-dependent asthma (3020), 1994.

Astra-Draco: Co-investigator: A double-blind, randomized, placebo-controlled, multicenter steroid-sparing study in patients with chronic steroid-dependent asthma (3019), 1994.

GlaxoWellcome, Inc: Co-investigator: A double-blind, parallel group evaluation of salmeterol versus placebo in the treatment of nocturnal asthma (Protocol SLGA-5007). 1994.

GlaxoWellcome, Inc: Co-investigator: A randomized, double-blind, double-dummy, parallel group, comparative trial of inhaled fluticasone propionate rotadisks® via diskhaler® 250 mcg BID versus Azmacort® oral inhaler 200 mcg QID versus placebo in adolescent and adult subjects with moderate chronic asthma (Protocol FLD-402). 1994.

Bristol-Myers Squibb: Co-investigator: A randomized blinded evaluation of two doses of d4T (stavudine) to make treatment available to severely immunocompromised patients with HIV infection who have failed or are intolerant of alternative antiretroviral therapy (AI455-900), January 13, 1994-August 30, 1994.

Astra Pharmaceuticals: Co-investigator: A double-blind, randomized, parallel group, placebo-controlled, dose-response study of formoterol Turbuhaler® at 6, 12, and 24 mcg administered twice daily in patients with asthma, 1994.

Merck Research Laboratories: Co-investigator: A multicenter, double-blind, randomized, parallel-group study comparing the clinical effect of MK-0476 and placebo in adults with chronic asthma (Protocol 031-01), November 22, 1994- present.

Zeneca Pharmaceuticals: A Multicenter, One-Year, Open-Label Study of ACCOLATE® 40mg HS in Patients with Mild to Moderate Asthma. (9188IL/0117). 1994.

Schering-Plough Research Institute: Co-investigator: A study of the efficacy and safety of ceftibuten (SCH-39720) versus amoxicillin/clavulanate in the treatment of acute maxillary sinusitis (Protocol C92-107), April 1, 1993- April 1, 1994.

Miles Inc: Co-investigator: A double-blind, randomized, placebo-controlled trial of the safety and efficacy of oral BAY x 1005 (100 mg bid vs. 500 mg bid vs. placebo for six weeks) in patients with asthma. March 3, 1994- January 16, 1995.

Schering-Plough Research Institute: Co-investigator: Safety and efficacy of mometasone furoate nasal spray versus placebo in the treatment of elderly patients with perennial rhinitis (C94-092-07), December 16, 1994 - August 1995.

Schering-Plough Research Institute: Co-investigator: Safety and efficacy of mometasone furoate nasal spray versus placebo in the treatment of elderly patients with perennial rhinitis (C94-092-11), December 16, 1994 - June 1995.

Zeneca: Co-investigator: A multi-center, one-year, open-label study of ACCOLATE (ICI 204,219) 40 mg HS in patients with mild to moderate asthma (9188IL/0177), April 1994 - July 1995.

Schering-Plough: Safety and Efficacy of Mometasone Furoate Nasal Spray versus Placebo in the Treatment of Elderly Patients with Perennial Rhinitis (C94-092-07). 1995.

Schering-Plough: A long-term safety study of SCH 32088 versus nasacort in perennial rhinitis (C94-052), 1995.

Pfizer: Principal Investigator: Phase II Multicenter, Randomized, Double-Blind, Placebo Controlled Parallel Group Study of the Efficacy and Safety of six weeks treatment with Oral CJ-11,974 in adults with mild to moderate asthma (167-102), December 1995- present.

GlaxoWellcome, Inc.: Principal Investigator: Multi-center, Randomized, Double-Blind, Double-Dummy Parallel Study comparing adding Serevent versus doubling the dose of Beclovent in moderate asthmatic patients symptomatic with Beclovent 168 mcg. BID (SLGA 5017), September 25, 1995- 1996

Zeneca Pharmaceuticals: Principal Investigator: A Randomized Double-Blind Placebo-Controlled, Dose-Ranging, Parallel-Group, Multicenter, Safety and Efficacy Trial of Zafirlukast (ACCOLATE™) in the Treatment of Pediatric Subjects with Mild-to-Moderate Asthma (Protocol #9188IL/079), 1995.

SmithKline Beecham Pharmaceuticals: Co-investigator: A multicenter, double-blind, placebo-controlled, parallel group study to evaluate the safety and efficacy of oral twice-daily administration of SB 205312 in pediatric patients with mild to moderate asthma (Protocol #205312/084), 1995.

Zeneca Pharmaceuticals: Co-investigator: A multicenter, randomized, double-blind placebo-controlled trial of Zafirlukast (ACCOLATE®) in subjects with mild to moderate asthma: 3 weeks efficacy and up to 52 weeks open-label safety extension (9188IL/0095), 1995.

GlaxoWellcome, Inc. (Co-investigator): A randomized, double-blind, double-dummy, comparative clinical trial of twelve week courses of salmeterol xinafoate versus ipratropium bromide versus placebo (PRN Ventolin®) in subjects with chronic obstructive pulmonary disease (Protocol #SLGA-4004), 1995.

3M Health Care: Co-investigator: 12-month, open-label, safety and efficacy study of HFA-134a beclomethasone dipropionate in subjects with asthma (#BRON-1163), August 16, 1995- present.

GlaxoWellcome, Inc. (Co-investigator): A randomized, double-blind, placebo-controlled, parallel-group evaluation of the effect of salmeterol on methacholine-induced bronchial hyperresponsiveness over twenty-four weeks in adolescent and adult subjects with asthma (SLGA-5013), August 1, 1995- present.

Merck Research Laboratories: Co-investigator: A multiclinic, double-blind, randomized, eighteen-month study in HIV-1 sero-positive patients to compare the efficacy and safety of MK-639, 800 mg q8h, and zidovudine, 200 mg q8h, administered concomitantly to MK-639 and zidovudine alone. (033-00), 1995.

Parke-Davis Pharmaceutical Research: A Double-Blind, Randomized, Comparative, Multicenter Study of a 5-Day Regimen of Cefdinir Versus a 10-Day Regimen of Cefprozil in the Treatment of Acute Exacerbations of Chronic Bronchitis in Adult Patients. (983-060), 1995.

Gilead Sciences: Co-investigator: An open-label study of the safety and efficacy of cidofovir (HPMPC) for the treatment of relapsing cytomegalovirus retinitis in patients with AIDS (GS-93-107), 1995.

Innovex/Sanofi: A Multicenter Double-Blind Placebo-Controlled Dose Ranging Study to Assess and Compare the Activity of an Oral Administration of SR 27417A-2.5, 10 and 30 mg Once a Day During 12 Weeks-in Moderate Asthmatic Patients. (DFI 2588), 1995.

USF Division of Allergy and Immunology: Co-investigator: Treatment of post-viral cough with beclomethasone. January 17, 1995- present.

Astra USA, Inc: Co-investigator: A randomized, double-blind, parallel group comparison of four doses of Rhinocort® Aqua Pump® spray (budesonide) and placebo in the treatment of adults and children with perennial rhinitis (O5-3039), January 9, 1995- present.

Astra USA, Inc.: A Randomized, Open-Label Comparison of Rhinocort® (budesonide) Aqua Pump Spray Versus Beconase AQ® (beclomethasone dipropionate) in the Treatment of Adults with Perennial Allergic Rhinitis. (05-3047-11), 1995.

Schering: Co-investigator: A long-term safety study of SCH-32088 vs. Nasacort® in perennial rhinitis (C94-052), 1995.

Wyeth-Ayerst Research: A Comparison of the Safety and Efficacy of 2 Oral Doses of PDA-641 (10 mg and 30 mg tid) and Placebo in Mild to Moderate Asthmatics. (0805A-205-US), 1995.

Roberts Pharmaceutical Corp: Co-investigator: A double-blind Phase III evaluation of Doxofylline (Maxivent®), theophylline, and placebo in patients with chronic reversible asthma. December 1993- March 22, 1995.

Schering-Plough Research Institute: Co-investigator: Safety and efficacy of mometasone furoate nasal spray versus placebo in the treatment of elderly patients with perennial rhinitis. December 1994- August 1995.

Pfizer, Inc: Co-investigator: Phase II multicenter, randomized double-blind, placebo-controlled, parallel-group study of the efficacy and safety of six weeks treatment with oral CJ-11, 974 in adults with mild-to-moderate asthma. (167-102-5025), 1995.

GlaxoWellcome, Inc. (Co-investigator): A comparison of adding Serevent versus doubling the dose of Beclovent in asthmatic subjects symptomatic on their existing inhaled corticosteroids. (SLGA 5017), 1995.

Bayer Corporation: Co-investigator: A randomized, double-blind, parallel-group comparison of the safety and efficacy of two doses of Bay X 7195 aerosol with placebo in patients with asthma. (D95-016-07), 1995.

Bayer Corporation: Quantitative Intradermal Test Procedure to Evaluate Subject Sensitivity to Euroglyphus maynei and Blomia tropicalis House Dust Mites and to Determine the Biological Potency of Euroglyphus maynei and Blomia tropicalis Using the ID₅₀EAL Method-A Single-Center Trial (LS-95-024), 1995.

3M Pharmaceuticals: Dose Response Comparison of HFA-134a Beclomethasone Dipropionate with CFC-11/12 Beclomethasone Dipropionate in Patients with Asthma. (1192-BRON), 1996.

Astra USA, Inc.: *START-Inhaled Steroid Treatment As Regular Therapy in Early Asthma* (Co-investigator): A Study of the Effect of Early Intervention With Long-Term Inhaled Budesonide (Pulmicort® Turbuhaler®) in Newly Diagnosed Asthma. (SD-004-0111), 1996-present

Dura Pharmaceuticals: A Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Multi-Dose, Multicenter, 12-Week Safety and Efficacy Study of Albuterol Sulfate Dry Powder Inhaler and Albuterol Metered-Dose Inhaler in Asthmatics. (DDPIAS-III-01-0694), 1996.

Dura Pharmaceuticals, Inc.: An Open-Label, Multicenter, 12-Month, Safety Study of Spiros® Dry Powder Inhaler (Albuterol Sulfate) in Asthmatics. (DDPIAS-III-02-0995), 1996.

Genetics Institute/Wyeth-Ayerst: A Randomized, Double-Blind, Placebo-Controlled, Dose-Escalating, Multiple-Dose Study of the Safety of Subcutaneous Recombinant Human Interleukin-12 (rhIL-12) in Human Immunodeficiency Virus (HIV) Infected Patients. (C9421-18/0879A2-205-US), 1996.

GlaxoWellcome, Inc.: A Randomized, Double-Blind Clinical Trial Comparing the Efficacy and Safety of Salmeterol Xinafoate 42mcg BID Plus Fluticasone Propionate 88mcg BID Versus Fluticasone Propionate 220mcg BID Alone in

Subjects with asthma not well controlled on Fluticasone Propionate 88mcg BID. (SLGA 5022), 1996.

Hoechst Marion Roussel, Inc.: A Double-Blind, Randomized Study Comparing the Efficacy and Safety of Fexofenadine and Placebo in Black Patients with Seasonal Allergic Rhinitis. (PJPR0053), 1996.

SmithKline Beecham Pharmaceuticals: A Multicenter, Open-Label, Long-Term Study of the Safety, Tolerability and Efficacy of Oral SB 205312 in Pediatric Patients with Mild to Moderate Asthma. (205312/087), January 5, 1996- April 2, 1996.

SmithKline Beecham Pharmaceuticals: A Multicenter, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Safety and Efficacy of Two Doses of SB 205312 Administered as an Oral Suspension (75mg bid and 150mg bid) for 12 Weeks in Pediatric Out-Patients with Asthma. (205312/070), 1996.

Zeneca Pharmaceuticals: A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Trial to Determine the Effects of Zafirlukast (ACCOLATE®) on Subjects with Both Asthma and Seasonal Allergic Rhinitis. (9188IL/0092), 1996.

Zeneca Pharmaceuticals: A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group 15-Week Trial of Zafirlukast (ACCOLATE®) Versus Low-dose Inhaled Corticosteroids After a 7-Day Course of Oral Corticosteroids in Subjects with Asthma. (9188IL/0138), 1996.

Abbott Laboratories: Long-Term Safety Study of Zileuton Controlled-Release Plus Usual Care Versus Placebo Plus Usual Care in Patients with Asthma. (M96-464), 1997.

Aradigm Corporation: Effectiveness of the SmartMist Asthma Management System Combined with Inhaled Fluticasone Propionate vs. Aerochamber with Fluticasone Propionate in Moderate and Severe Asthmatics. (97-Protocol-01), 1997.

Byk Gulden Pharmaceuticals: 12-Weeks Treatment with 200 or 800 µg/d Ciclesonide Versus Placebo Followed by a 40-Weeks Treatment with Ciclesonide in Asthmatic Patients. A Double-Blind, Randomized, Parallel-Group Study with an Open-Label Extension. (BY90IO/FKI 102), 1997.

Dura Pharmaceuticals, Inc.: A Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Multi-Dose, Multicenter, 12-Week Safety and Efficacy Study of Beclomethasone Dipropionate Dry Powder Inhaler and Beclomethasone Dipropionate Metered-Dose Inhaler in Asthmatics. (DPIBDP-03), 1997.

GlaxoWellcome, Inc.: A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging, Comparative Trial of Inhaled Fluticasone Propionate Via Metered-Dose Inhaler Propelled by Propellants 11/12 or by GR106642X in Adolescent and Adult Subjects with Asthma. (FLTA 3020), 1997.

GlaxoWellcome, Inc.: A Comparison Of Salmeterol Versus Theophylline

Versus Salmeterol Plus Theophylline In COPD Patients. (SLGA 4020), 1997.

Integrated Therapeutics Group, Inc.: Understanding of Asthma Through Educational Intervention. May 1997- Present.

Merck & Co., Inc.: A Randomized, Open-Label, Cross-Over Study Comparing the Parent/Guardian Preference for Montelukast Sodium Tablets or Cromolyn Sodium Aerosol (MDI) Treatment in their Children ages 6 to 11 with Chronic Asthma. (065-01/SNG 386), 1997.

Division of Allergy and Immunology: Determination of a Specific Phenotype for Asthma and Allergy. June 1997 - Present.

Division of Allergy and Immunology: A Modified Aspirin (ASA) Desensitization Schedule in Patients with ASA Triad. August 1997 - Present.

3M Pharmaceuticals: Dose Response Comparison of HFA-134a Beclomethasone Autohaler™ Inhalation Device with HFA-134a Beclomethasone Press & Breathe MDI in Patients with Asthma. (1273-BRON), September 1997 - Present.

Forest Laboratories, Inc: Aerobid Once-A-Day with AeroChamber in Mild to Moderate Asthma Patients. (AER-MD-07-000), November 1997 -Present.

Rhône-Poulenc Rorer: A Phase II/III Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter Efficacy, Safety and Dose Response Study of Azmacort (triamcinolone acetonide) HFA-134a Inhalation Aerosol 225 mcg, 460 mcg and 900 mcg Administered Once Daily for 12 Weeks in the Treatment of Mild Persistent and Moderate Persistent Asthma in 800 Adolescents and Adults. (RG 5016Y-204), December 1997 - Present.

Schering-Plough, Integrated Therapeutics: A Double-Blind, Placebo-Controlled Study to Evaluate the Effects of Treatment of Seasonal Allergic Rhinitis (SAR) in Subjects with Co-Morbid Asthma and a History of Seasonal Exacerbations of Asthma on Medical Resources Utilization (for Asthma and SAR). (P97-293), March 1998 - Present.

Merck & Co., Inc.: A Multicenter, Double-Blind, Randomized Study Comparing the Clinical Effect of Concomitant Montelukast + Loratadine with Montelukast, Loratadine and Inhaled Beclomethasone in Patients with Chronic Asthma. (MK-0476, 074-00), May 1998 - Present.

Forest Laboratories, Inc.: A One-Year, Open-Label Study to Evaluate the Safety of HFA Flunisolide in Children with Mild to Moderate Asthma. (ANC-MD-04-000), May 1998 - Present.

Schering-Plough Research Institute (co-investigator): Double-Blind Study of the Effects of One Year of Treatment with Mometasone Furoate HFA-227 Metered Dose Inhaler (MF MDI) vs. Placebo on Growth of Children with Asthma (Protocol C98-477-09), November 1998-March 2001

Sepracor, Inc. (co-investigator): A Comparison of the Effect of Two Doses of Levalbuterol with Ventolin® on Pulmonary Function in Subjects with

Mild-to-Moderate Asthma (Protocol 051-027), June 1998- 1999

Sepracor, Inc. (co-investigator): The Evaluation of Three Norastemizole Doses (30mg, 60mg, and 90mg) and Loratadine When Administered to Subjects with Seasonal Allergic Rhinitis (Protocol 110-029 SAR II), August 1998- November 2000

Merck & Co., Inc. (co-investigator): A Multicenter, Double-Blind, Placebo-Controlled Study Comparing the Clinical Effect of Nebulized L-808, 065 in Patients With Chronic Asthma (Protocol 004-00), October 1998- April 1999

Sepracor, Inc. (co-investigator): Evaluation of Xopenex® (levalbuterol HCl) Inhalation Solution in the Treatment of Asthma (051-902), October 1998- October 1999

GlaxoWellcome, Inc. (co-investigator): A Randomized, Double-Blind, Double-Dummy, Parallel Group Comparison of Inhaled Fluticasone Propionate (88mcg BID) Versus Zafirlukast (20mcg BID) over 12-Weeks in Subjects with Persistent Asthma (Protocol FAS40023), July 1998- July 1999

Novartis Pharmaceuticals Corporation (co-investigator): A Multicentre, Randomised, Double-Blind, Parallel Group, Placebo-Controlled, Dose-Ranging Trial to Assess the Efficacy and Safety of NKP608 Microemulsion Capsules in Adult Patients with Chronic Bronchitis (Protocol No. 302), October 1998- August 1999.

Schering-Plough Research Institute (co-investigator): Placebo-Controlled Efficacy and Safety Study of Mometasone Furoate HFA-227 Metered Dose Inhaler (MF MDI) in the Treatment of Asthma in Children Previously Maintained on Anti-Inflammatory Asthma Medications (Protocol C98-003), October 1998- 1999

Abbott Laboratories (co-investigator): A Comparative Study of the Efficacy of Clarithromycin and Azithromycin for the Treatment of Patients with Acute Exacerbation of Chronic Bronchitis (Protocol M97-766), July 1998- March 1999

GlaxoWellcome, Inc. (co-investigator): A Randomized, Double-Blind, Parallel-Group Trial Evaluating the Safety and Efficacy of the DISKUS Formulations of Salmeterol 50mcg BID and Fluticasone Propionate 500mcg BID Individually and in Combination as Compared to Placebo in COPD Subjects (Protocol SFCA 3006), September 1998- February 2000

Astra Pharmaceuticals, LP (co-investigator): A Multicenter, Multi-National, Double-Blind, Group Comparative Study to Investigate the Dose Ranging Effects of Multiple Doses of AR-C68397AA via pMDI Compared with Placebo in Adult Patients with Chronic Obstructive Pulmonary Disease (COPD) (Protocol No. 209), September 1998- February 1999

GlaxoWellcome, Inc. (co-investigator): A Randomized, Double-Blind, Parallel-Group Comparison Study of Inhaled Fluticasone Propionate (88mcg bid) versus Montelukast Sodium (10mg QD) in Subjects Currently

Receiving Beta Agonists Alone (Protocol FLTA 4039), September 1998- June 2000

Novartis Pharmaceuticals, Inc. (co-investigator): Randomized, Double-Blind, Between-Patient Trial Comparing Two Doses of Inhaled Formoterol Fumarate Dry Powder (12 and 24 (g b.i.d.) with Placebo and Ipratropium Bromide MDI (40 (g q.i.d.) for 12 Weeks in Patients with Chronic Obstructive Pulmonary Disease, in Terms of Clinical Efficacy, Tolerability and Quality of Life (Protocol 2582702-056), September 1998- July 1999

Schering-Plough, Integrated Therapeutics (co-investigator): A Double-Blind, Placebo-Controlled Study to Evaluate the Effects of Treatment of Seasonal Allergic Rhinitis (SAR) in Subjects with Co-Morbid Asthma and a History of Seasonal Exacerbations of Asthma on Medical Resources Utilization (for Asthma and SAR) (Protocol P97-293), March 1998- July 1998

Division of Allergy and Immunology (co-investigator): Determination of a Specific Phenotype for Asthma and Allergy, June 1998-present

Division of Allergy and Immunology (co-investigator): Effect of Aging and the Effect of Sun Damage on Allergy Skin Tests, August 1998- present

Schering-Plough Research Institute (co-investigator): Double-Blind Study of the Effects of One Year of Treatment with Mometasone Furoate HFA-227 Metered Dose Inhaler (MF MDI) vs. Placebo on Growth of Children with Asthma, March 1999-April 2001

Sepracor, Inc. (co-investigator): A Twelve-Month Safety Study of 90 mg Norastemizole QD in Subjects with Perennial/Seasonal Allergic Rhinitis, May 1999- September 2000

Merck & Co. (co-investigator): A Randomized, Double-Blind, Multicenter Study to Evaluate the Effect of Adding either Montelukast Sodium or Salmeterol Xinafoate to Inhaled Fluticasone in Adult Asthmatics October 1999- June 2001

Schering-Plough Research Institute (co-investigator): Placebo-Controlled Efficacy and Safety Study of a Once-Daily PM and Twice Daily Regimens of Mometasone Furoate Administered Via Dry Powder in Subjects with Asthma Who Were Previously Maintained on Inhaled Corticosteroids, January 2000- present

Forest Laboratories (co-investigator): A Double-Blind, Placebo-Controlled, Long-Term Growth Study of HFA Flunisolide in Children with Mild Asthma, February 2000- present

Schering-Plough Research Institute (co-investigator): Efficacy and Safety of MF-DPI in the Treatment with Chronic Obstructive Pulmonary Disease, April 2000- present

Dura Pharmaceuticals (co-investigator): A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multiple Dose, Multicenter, 12-Week Study to Compare the Safety and Efficacy of Beclomethasone Dipropionate via the "To-Be-Marketed" Spiros (Dry Powder Inhaler to

Vanceril) Metered-Dose Inhaler in Patients with Asthma, May 2000-August 2000

Merck & Co., Inc. (co-investigator): A Multicenter, Randomized, Double-Blind, Pilot Study Comparing the Clinical Effect of Intravenous Montelukast with Placebo in Patients with Acute Asthma, May 2000-February 2001

Division of Allergy and Immunology (co-investigator): Parietaria floridana and allergic rhinitis in the Tampa Bay area, June 2000- present

AstraZeneca (co-investigator): A Multi-Center, Multinational, Double-Blind, Double-Dummy, Placebo-Controlled, Group-Comparative Study to Investigate the Effects of AR-C68397AA via pMDI Compared with Salmeterol in Adult Patients with Chronic Obstructive Pulmonary Disease (COPD), July 2000- February 2001

Baxter Healthcare (co-investigator): A Phase III Study to Determine the Efficacy and Safety of C1-Inhibitor (Human) Vapor Heated, Immuno in Subjects with Hereditary Angioedema (HAE), July 2000- present

American Lung Association (co-investigator): A Randomized, Double-Blind, Placebo-Controlled, Crossover Trial of the Safety of Inactivated Influenza Vaccine in Adults and Children with Asthma, August 2000- May 2001.

Division of Allergy and immunology/Ecology Works (co-investigator): The Efficacy of Disodium Octaborate Tetrahydrate (DOT) and Vacuum Cleaning in Lowering House Dust Mite Population and House Dust Mite Allergen Levels in Homes, August 2000- present

GlaxoWellcome (co-investigator): A Randomized, Double-Blind, Double-Dummy, Parallel Group Comparison of Fluticasone Propionate Inhalation Powder (50 mcg BID) via DISKUS® with Oral Montelukast (5 mcg QD) Chewable Tablets in Children 6-12 Years of Age with Persistent Asthma, August 2000-present

GlaxoWellcome (co-investigator): A Multi-Center, Randomized, Double-Blind, Double-Dummy, Parallel Group, 8-Week Comparison of Salmeterol Xinafoate Versus Ipratropium Bromide Versus Placebo in Subjects with Chronic Obstructive Pulmonary Disease, September 2000-present

Schering-Plough (co-investigator): Efficacy and Safety of Two Formulations of SCH 483 5/240mg Compared to Desloratadine 5mg and Pseudoephedrine 240 mg QD Sustained Release, in the Treatment of Subjects with Seasonal Allergic Rhinitis, September 2000-December 2000

Bristol-Myers Squibb (Principal Investigator): Omapatrilat Cardiovascular Treatment Assessment Versus Enalapril (OCTAVE), November 2000-present

Forest Laboratories: (co-investigator): Double-Blind, Placebo-Controlled,

Twice Daily Regimens of XXXXX Administered Via Dry Powder Inhaler in Subjects with Asthma who were Previously Maintained on Inhaled Corticosteroids” 4/2001- 11/2001

“A Safety, Efficacy and Tolerability Study of Multiple Once- Daily Doses of XXXXXXXX Inhalation Solution in Subject with Asthma” 2001- 2002

“A TWELVE- MONTH SAFETY STUDY OF XXXXXXXX QD IN SUBJECTS WITH PERENNIAL ALLERGIC RHINITIS/SEASONAL ALLERGIC RHINITIS” 2001-2002

“Determination of a Specific Phenotype for Asthma and Allergy” 2001-2002

“Parietaria floridana and allergic rhinitis in the Tampa Bay Area” 2001-2004

“Double- Blind, Placebo Controlled, Parallel Group Study of the Efficacy and Safety of Once Daily XXXXX Inhaler System in Patients with Asthma Currently Treated with Inhaled Steroids” 4/2001- 2003

“A Double- Blind, Double- Dummy, Parallel- Group, Multi- Center, Randomized Study of XXXXX 180 MG vs. XXXXX 10 MG in Subjects with Moderate To Severe Seasonal Allergic Rhinitis (SAR) During the Fall Allergy Season” 11/2001- 3/2002

“A PHASE II, RANDOMIZED, PLACEBO-CONTROLLED, DOUBLE-BLIND, PARALLEL GROUP, DOSE-FINDING STUDY TO EVALUATE THE EFFECTIVENESS OF 28 DAYS OF TREATMENT WITH XXX-XXX IN ADULT ASTHMATICS” 2001- 2003

“ A Multi-Centre, Multinational, Double-Blind, Double-Dummy, Placebo-Controlled, Group Comparative Study to Investigate the Effects of XX-XXXXXXXXX via pMDI Compared with XXXXXXXX in Adult Patients with Chronic Obstructive Pulmonary Disease (COPD)” 2001- 2003

“XXXXXXXXXX therapy of Perennial Nonallergic Rhinitis Double-Blind, Placebo Controlled Trial” 2001- 2002

“A STRATIFIED, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP, 12-WEEK TRIAL EVALUATING THE SAFETY AND EFFICACY OF THE XXXXXX XXXXX DISKUS COMBINATION PRODUCT 100/50MCG ONCE DAILY VERSUS XXXXXX XXXXX PROPIONATE DISKUS 100MCG ONCE DAILY AND PLACEBO IN SYMPTOMATIC PEDIATRIC SUBJECTS (4-11 YEARS) WITH ASTHMA” 2001- 2002

“A Multicentre, Randomised, Double-Blind, Parallel Group, Placebo-Controlled Study to Investigate the Long-Term Effects of XXXXXX/XXXXXX (XXXXXX) 50/500µG BD, XXXXXX 50µG BD AND XXXXXX XXXXXX 500µG BD, ALL DELIVERED VIA THE DISKUS/™ ACCUHALER™ INHALER, ON THE SURVIVAL OF SUBJECTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) OVER 3 YEARS OF TREATMENT” 2001- 9/2005

“An Observational Study of the Epidemiology and Natural History of Asthma: Outcomes and Treatment Regimens “ 2001- 2003

“A CLINICAL INVESTIGATION TO ASSESS THE SAFETY AND EFFICACY OF XXXXX XXXXXXXX INTRAVENOUS (HUMAN), 10% IN SUBJECTS WITH PRIMARY IMMUNODEFICIENCY DISORDERS”2001- 2004

“A Multicenter, Open- Label, Randomized, Parallel Groups Study to Assess the Long- Term Safety Performance of XXXXX Compared to XXXXX in Subjects with Asthma” 5/2002- 2004

“A Multicenter, Randomized, Double- Blind, Double- Dummy, Parallel- Group Comparison of XXXXX XXXXX Inhalation Aerosol versus XXXXX XXXXX and XXXXX Inhalation Aerosol in Subjects with Chronic Obstructive Pulmonary Disease” 1/2002- 3/2002

“A Phase III Double- Blind, Placebo- Controlled, Parallel- Group, Multicenter, Efficacy, Safety, and Dose Response Study of XXXXX Metered Dose Inhaler 50 MCG/Day, 100 MCG/Day, and 200 MCG/Day (Ex- Valve) Administered Once Daily For 12 Weeks In The Treatment of Children with Persistent Asthma” 5/2002- 10/2002

“A Multicenter, Randomized, Open- Label, One Year Long- Term Safety Study of XXXXX Metered Dose Inhaled 50 MCG/Day to 200 MCG/Day (Ex- Valve) Administered Once Daily or XXXXX Dry Powder Inhaler (XXXXX XXXXX) 50 MCG or 100 MCG Administered Twice Daily for the Treatment of Children with Persistent Asthma” 5/2002- 10/2002

“A Multicenter, Double-Blind, Randomized, Parallel Study Comparing the Efficacy and Safety of XXXXX 120mg BID, XXXXX 240mg QD, and Placebo in Subjects with Perennial Allergic Rhinitis” 10/2002- 3/2003

“THE EFFICACY OF XXXXXXXXXXXXXXXXXXXXXXXX (XXXX) AND VACUUM CLEANING IN LOWERING HOUSE DUST MITE POPULATION AND HOUSE DUST MITE ALLERGEN LEVELS IN HOMES IN TAMPA, FL” 2002-2003

“A Double- Blind, Double- Dummy, Randomized, Placebo- and Active- Controlled, Multicenter, Parallel- Group Study of XXXXX in the Treatment of Subjects with Chronic Obstructive Pulmonary Disease” 5/2002- 2004

“INHALED CORTICOSTEROID REPLACEMENT STUDY - EFFICACY AND SAFETY OF XX XX-XXXX **■** MODERATE PERSISTENT ASTHMA” 2002- 2003

“DOSE-RANGING STUDY OF XX XX-XXXX IN PATIENTS WITH PERSISTENT ASTHMA NOT TREATED WITH INHALED CORTICOSTEROIDS” 2002- 2003

“A Multicenter, Open-Label, Randomized, Active-Controlled, Parallel Group Chronic Safety Study of XXXXXXXX in the Treatment of Subjects with Chronic Obstructive Pulmonary Disease” 2002- 2004

“ EVALUATION OF XXXXXXX'S EFFECTS IN MITIGATING ANGIOEDEMA. AN OPEN LABEL STUDY TO ASSESS THE EFFICACY AND TOLERABILITY OF REPEATED DOSES OF XXXXXXX (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX) IN PATIENTS WITH

HEREDITARY ANGIOEDEMA” 2002- 2005

“A PLACEBO-CONTROLLED COMPARISON OF THE EFFICACY, SAFETY, AND PHARMACOKINETICS OF THE CURRENT US VERSION OF XXXXXXXX (XXXXXXX) AND THE NEW VERSION OF XXXXXXXX IN ASTHMATIC CHILDREN AND ADOLESCENTS” 2002- 2004

“ COMPARISON OF CONTINUED LOW-DOSE INHALED CORTICOSTEROIDS VERSUS XXXXXXXXXXXXXXXX FOR ASTHMATIC PATIENTS WELL CONTROLLED WITH LOW DOSE INHALED CORTICOSTEROIDS” 2002- 2003

“A Multicenter, Randomized, Double-Blind, Double Dummy, Placebo Controlled, Parallel Group, Four-Week Study Assessing the Efficacy of XXXXXX Aqueous Nasal Spray 200mcg QD versus XXXXX 10mg QD in Adolescent and Adult Subjects with Asthma and Seasonal Allergic Rhinitis Who are Receiving Concurrent Open- Label XXXXX Diskus 100/50mcg BID 10/2002- 2003

“A Randomized, Controlled Study of XXXXXXXXXXXXXXXX (250 mcg and 500 mcg) Versus Placebo in Patients with Asthma” 2003- 2005

“EFFECT OF EDUCATION AND DRUG PRESENTATION ON EFFICACY OF XXXXXXXXXXXXXXXX AND PLACEBO IN ASTHMA” 2003-2004

“ A Twelve-Week, Randomized, Double-Blind, Double Dummy, Placebo-Controlled Trial of XXXXXX (80/4.5mcg) versus its Mono Products (XXXXXX and XXXXX) in Children (≥ 6 years of Age) and Adults with Asthma” 4/2003- 2004

“ A Twelve Week, Randomized, Double-Blind, Double-Dummy, Placebo Controlled Trial of XXXXXX (160/4.5mcg) in Adolescents (≥ 12 Years of Age) and Adults with Asthma” 3/2003- 2004

“RANDOMIZED, MULTICENTER, PLACEBO-CONTROLLED PARALLEL GROUP STUDY OF FOUR MONTHS DURATION PER PATIENT TO EVALUATE THE SAFETY AND EFFICACY OF TREATMENT WITH 24 μ G B.I.D. AND 12 μ G B.I.D. XXXXXXXX, DOUBLE-BLIND, AND 12 μ G B.I.D. XXXXXXXX WITH ADDITIONAL ON-DEMAND XXXXXXXX DOSES, OPEN-LABEL, IN ADOLESCENT AND ADULT PATIENTS WITH PERSISTENT STABLE ASTHMA” 2003- 2004

“A Phase III, 28-Week, Multicentre, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess the Efficacy, Safety and Tolerability of Subcutaneous XXXXXXXX Initiated Post Hospitalization or Emergency Room Admission in Adolescent and Adult Asthmatics with a History of Significant Asthma Exacerbations” 2003- 2005

“A PHASE II, RANDOMIZED, DOUBLE-BLIND, PARALLEL-GROUP, PLACEBO-CONTROLLED, ORAL FOOD CHALLENGE TRIAL OF XXXXXXXX (XXXXXXXXXX) IN PEANUT ALLERGY” 2004- 2005

“A LONG TERM SAFETY STUDY OF XXXXXXXX AND XXXXXXXX XXXXXXXX IN SUBJECTS TWELVE YEARS OF AGE AND OLDER WITH ASTHMA” 2004- 2005

“TWELVE-WEEK, RANDOMIZED, DOUBLE-BLIND, DOUBLE-DUMMY, PLACEBO AND ACTIVE CONTROLLED STUDY OF XXXXXXXX PMDI ADMINISTERED ONCE

DAILY IN ADULTS AND ADOLESCENTS WITH ASTHMA – XXXX” 2004- 2005

“ A Randomized, Double-Blind, Active-Controlled, Parallel-Group, Single-Dummy, Multicenter, 12 Week Study to Assess the Efficacy and Safety of XXXXXXXX® pMDI 160/4.5 µg x 2 Actuations Once-Daily (QD) Compared to XXXXXXXX pMDI 80/4.5 µg x 2 Actuations QD, XXXXXXXX pMDI 80/4.5 µg x 2 Actuations Twice-Daily (BID) and to XXXXXXXX pMDI 160 µg x 2 Actuations QD in Asthmatic Subjects 12 years of Age and Older” 2004-2005

“ AN ASCENDING FOUR DOSE PLACEBO CONTROLLED STUDY TO ASSESS THE EFFICACY AND TOLERABILITY OF XX-XX (RECOMBINANT PLASMA KALLIKREIN INHIBITOR) ADMINISTERED FOLLOWING ONSET OF ACUTE ATTACKS OF HEREDITARY ANGIOEDEMA” 2004- PRESENT

“A STRATIFIED, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PARALLEL GROUP, 4-WEEK COMPARISON OF XXXXXXXX XXXXXX/XXXXXX DISKUS COMBINATION PRODUCT 100/50MCG BID VERSUS XXXXXXXX XXXXXXXX DISKUS 100MCG BID IN PEDIATRIC AND ADOLESCENT SUBJECTS WITH ACTIVITY INDUCED BRONCHOSPASM” 2004- 2006

“A Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Multi-Center, Multiple Dose (7 days) Dose-Ranging study, To Assess the Efficacy and Safety of 4 Doses of XXXXXX (50, 100, 200 & 400 µg) Delivered via a Multiple Dose Inhaler and 1 Dose of XXXXXX (400 µg) Delivered via a Single Dose Inhaler in Patients with Chronic Obstructive Pulmonary Disease (COPD)” 2004- 2005

“A Randomized, Double-Blind, Parallel Group, 52-week Study to Compare the Effect of the Fluticasone Propionate/Salmeterol DISKUS Combination Product 250/50mcg BID with Salmeterol DISKUS 50mcg BID on the Annual Rate of Moderate/Severe Exacerbations in Subjects with Chronic Obstructive Pulmonary Disease (COPD)” 1/2005- 6/2006

“XXXXXXXX in combination with nasal glucocorticosteroid for perennial allergic and non-allergic rhinitis in subjects with persistent nasal congestion” 2/2005- Present

“A Randomized, 24-week, Double-blind, Placebo-controlled, Parallel-group Study to Evaluate the Efficacy, Safety and Tolerability of XXXXX(15mg BID) in Patients with Chronic Obstructive Pulmonary Disease (COPD)” 2005- 2006

“A 12-Month Double-blind, Double-Dummy, Randomized, Parallel group, Multicenter Efficacy and Safety Study of XXXXXXXX pMDI 2 x160/4.5 µg bid and 2 x 80/4.5 µg bid Compared to XXXXXXXX 2 x 4.5µg bid and Placebo in Patients with COPD” 2005- Present

“ Study of Acid Reflux and Asthma” 6/2005- Present

“ A multicenter, randomized, double-blind, placebo-controlled, parallel-group study to assess the efficacy of XXXXXXXXXX metered-dose inhaler at a daily dose of 160 µg administered for 12 weeks either in a once-daily

regimen in the morning (160 µg qd AM) or in a twice-daily regimen (80 µg bid) in adults and adolescents with mild to moderate persistent asthma treated previously with inhaled corticosteroids” 2005- Present

“A Randomized Double-Blind Placebo-Controlled, Parallel-Group, Multicenter, Study to Evaluate the Efficacy and Safety of XXXXXXXX Inhalation Powder 200mcg, 400mcg, 600mcg and 800mcg Administered Once Daily in the Morning and XXXXXXXX XXXXXXXX 500mcg BID via DISKUS Inhalation Powder Compared with Placebo for 8 Weeks in Adolescent and Adult Subjects (≥12 years old) with Persistent Asthma Symptomatic on Moderate-Dose ICS Therapy” 2005- Present

“A Randomized Double-Blind Placebo-Controlled, Parallel-Group, Multicenter, Study to Evaluate the Efficacy and Safety of XXXXXXXX Inhalation Powder 25mcg, 50mcg, 100mcg, and 200mcg Administered Once Daily in the Morning and XXXXXXXX XXXXXXXX 100mcg BID via DISKUS Inhalation Powder compared with Placebo for 8 Weeks in Adolescent and Adult Subjects (≥12 years old) with Persistent Asthma Symptomatic on Non-ICS Therapy” 2005- Present

“ Safety and Dosing Study for Sublingual-Oral Administration of Standardized Glycerinated Cat Hair Allergenic Extract” 2005- 7/2006

“Impact of an Asthma Camp on Knowledge and Clinical Outcomes” 7/2005

“A Randomized, 24-week, Double-blind, Placebo-controlled, Parallel-group Study to Evaluate the Efficacy, Safety and Tolerability of XXXX (15mg BID) in Patients with Chronic Obstructive Pulmonary Disease (COPD)” 4/2005-Present

“Sinusitis and Rhinitis in Asthma” 12/2005- 2/2006

“Evaluation of XX-XX’S Effects in Mitigating Angioedema A double-blind, placebo-controlled study followed by a repeat dosing phase to assess the efficacy and safety of XX-XX (recombinant plasma kallikrein inhibitor) for the treatment of acute attacks of Hereditary Angioedema” 2005- Present

“A Randomized, Parallel Group, Double-Blind, Comparative Trial Assessing Lung Function and Other Measures of Asthma Control in Adults and Adolescents, at least 12 Years of Age, with Persistent Asthma, Who Have Either a B16-Arg/Arg, a B16-Gly/Gly or a B-16 Arg/Gly Genotype and are Treated With XXXXXXXX 100/50mcg or XXXXXXXX 50 mcg BID” 1/2005-7/2006

“A randomized, placebo-controlled, double-blind Phase II study of the efficacy and safety of XXXXXXXX for the treatment of acute attacks in patients with hereditary angioedema” 2/2006- Present

“A Multicenter, Randomized, Double-Blind, Triple-Dummy, Placebo-Controlled, Parallel Group, Four-Week Study Assessing the Efficacy of XXXXXXXX Nasal Spray 200mcg QD versus XXXXXXXX 10mg QD in Adolescent and Adult Subjects with Asthma and Seasonal Allergic Rhinitis Who are Receiving XXXXXXXX 100/50mcg BID or Placebo BID” 3/2006- Present

“A prospective observational study for the psychometric validation of a patient-reported questionnaire in acute exacerbations of chronic obstructive pulmonary disease (AECOPD)” 3/2006- Present

“A 26-week, randomized, double-blind, parallel-group, placebo-controlled, multi-center study to evaluate the effect of XXXXXX on improving the tolerability of specific immunotherapy in patients with at least moderate persistent allergic asthma inadequately controlled with inhaled corticosteroids” 4/2006-Present

“A Multicenter, Double-Blind, Double-Dummy, Randomized, Active-Controlled, Parallel Group Long-Term Safety Study of 15 µg and 25 µg XXXXXXXX Inhalation Solution BID in the Treatment of Subjects with Chronic Obstructive Pulmonary Disease” 5/2006- Present

“A Randomized, Double-blind, Placebo-controlled, Parallel Group, Stratified, Multi-center, 12-Week Study Comparing the Safety and Efficacy of XXXXX and XXXXXX Combination (XXXXX 100/10µg or 250/10µg twice daily) in a Single Inhaler (XXXX HFA pMDI) with the Administration of Placebo or XXXXX (250µg twice daily) and XXXXXI (10µg twice daily) Alone in Adolescent and Adult Patients with Moderate to Severe Asthma” 6/2006- Present

“Effect of XXXXX on exacerbation rate in patients with COPD. A 52-week, Double-blind Study with 500 mcg XXXXXX Once Daily versus Placebo” 7/2006- Present

“A Phase IIIb Multicenter, Randomized, Double- Blind, Placebo-Controlled Study of XXXXXX in Subjects with Moderate to Severe Persistent Asthma Who Are Inadequately Controlled with High- Dose Inhaled Corticosteroids and Long- Acting Beta- Agonists” 7/2006- Present

Research Grants

Support grant. Morphological Identification of the House Dust Mite Fauna in Florida and Immunochemical Characterization of their Allergens. Funded April 1987.

V.A. Merit Review, New Approach to the Diagnosis and Treatment of House Dust Mite Allergy. Funded January 1, 1990.