

Ernest N. Charlesworth, M.D.
Curriculum Vitae

1. CURRENT PROFESSIONAL ACTIVITY:

Charlesworth Associates, LLC
Consultant for Dermatology & Allergy/Immunology Medical/Legal Issues
720 Kickapoo Road (325) 473-3500 – office
Bronte, Texas 76933 (325) 473-2436- home

2. CERTIFICATION & LICENSURE:

Texas State Board of Medical Examiners # D-8172 - 1971 to date
Diplomate, American Board of Dermatology - 1977
Diplomate, American Board of Internal Medicine - 1986
Diplomate, American Board of Allergy & Immunology - 1989
ABAI Recertification – 1999
Diplomate, Diagnostic Laboratory Immunology Board – 1990
Medical Education Number: 04802710181

3. EDUCATION:

University of Houston - Houston, Texas
Bachelor of Science, 1967
University of Texas Medical Branch - Galveston
Doctor of Medicine, 1971

4. POST-DOCTORAL TRAINING:

Internship-Straight Medicine Wilford Hall USAF Medical Center Lackland Air Force Base San Antonio, Texas	1 July 1971 to 30 June 1972
Primary Course in Aerospace Medicine USAF School of Aerospace Medicine Brooks Air Force Base San Antonio, Texas	1 July 1972 to 30 September 1972
Dermatology Residency Wilford Hall USAF Medical Center Lackland Air Force Base San Antonio, Texas	1 July 1973 to 30 June 1976
Internal Medicine Residency Wilford Hall USAF Medical Center Lackland Air Force Base San Antonio, Texas	1 July 1984 to 30 June 1986
Allergy & Immunology Fellowship The Johns Hopkins University School of Medicine Baltimore, Maryland (includes Diagnostic Laboratory Immunology Fellowship)	1 July 1986 to 30 June 1989

5. SPECIAL COURSES:

US Public Health Service Leprosy Training Program	October, 1974
US Public Health Service Hospital, Carville, Louisiana	
Texas State Department of Health Medical Mycology Course	April, 1975
Brook Army Medical Center	May, 1976
Fort Sam Houston, San Antonio, Texas	
Dermatopathology	8/75 to 11/75
Armed Forces Institute of Pathology	
Walter Reed US Army Medical Center, Washington, D.C.	
Department of Defense Air War College	1983-84
Clark Air Force Base	
Republic of the Philippines	
Aeroallergen Identification Course	
American College of Allergy, Asthma & Immunology	November, 1995
American Academy of Allergy, Asthma & Immunology	March, 1996
National Catholic Certification Program in Health Care Ethics	2013-2014
National Catholic Bioethics Center	
Philadelphia, Pennsylvania	

6. PROFESSIONAL EXPERIENCE:

Senior Staff Physician - Dermatology & Allergy/Immunology	7/99 to 5/14
Shannon Clinic (Multi-specialty Clinic)	
San Angelo, Texas	
Senior Staff Physician-Allergy/Immunology and Dermatology	10/98 to 6/99
Scott & White Clinics	
College Station, Texas	
Private Practice-Allergy/Immunology and Dermatology	6/95 to 10/98
Brenham Clinic Association	
Brenham, Texas	
Assistant Chief of Allergy/immunology Services	7/89 to 4/95
Wilford Hall USAF Medical Center	
Lackland AFB, San Antonio, Texas	
Chief of Dermatology Services	7/81 to 6/84
USAF Regional Medical Center	
Clark Air Base, Republic of the Philippines	
Flight Medical Officer	9/78 to 7/81
172nd Tactical Air Command Clinic	
Mississippi Air National Guard	
Jackson, Mississippi	
Private Practice-Dermatology	7/78 to 6/81
Jackson, Mississippi	
Staff Dermatologist	7/76 to 6/78
Keesler AFB, Biloxi, Mississippi	
Flight Medical Officer	10/72 to 6/73
Laughlin AFB, Del Rio, Texas	

7. **ACADEMIC APPOINTMENTS:**

Clinical Faculty & Preceptor, Departments of Family Practice and Plastic & Reconstructive Surgery University of Mississippi Medical School, Jackson, Mississippi	1979-81
Consultant to the Surgeon General for Dermatology PACAF Medical Command Hickam AFB, Hawaii	1981-84
Clinical Faculty, Division of Allergy & Clinical Immunology The Johns Hopkins University School of Medicine Baltimore, Maryland	1988-89
Assistant Professor of Medicine Associate Professor of Medicine Uniformed Services University of the Health Sciences Bethesda, Maryland	1984-86 1990 -98
Education Director, Department of Allergy/Immunology Wilford Hall USAF Medical Center Lackland AFB, San Antonio, Texas	1990-95
Clinical Associate Professor of Medicine Department of Allergy/Immunology University of Texas Health Science Center at San Antonio San Antonio, Texas	1990 - 2002
Clinical Associate Professor of Medicine Department of Allergy/Immunology Department of Dermatology University of Texas Medical School-Houston Houston, Texas	1996 to 2004 1996 to date
Clinical Assistant Professor of Medicine Department of Allergy/Immunology University of Texas Medical Branch-Galveston Galveston, Texas	2002 to date

8. **CONTINUING MEDICAL EDUCATION AFFILIATIONS:**

Faculty: ACAAI/AAAAI Board Review Course, “Immunobullous Skin Disease”
2002-2007, 2010

Course Co-Director: Clinical Cutaneous Allergy & Immunology: An Interface Between Two Specialties [Co-Sponsored by American Academy of Dermatology (AAD) & American Academy of Allergy, Asthma, & Immunology (AAAAI)]
October 1995 & 1999; September 2003

Past Chairman, Dermatologic Diseases Interest Section, Professional Information Committee, AAAAI

Editorial Review Board - *Annals of Allergy*, 1992-4; *Current Pediatric Review*, 2004

Manuscript reviewer: *Annals of Allergy* and *Journal of Allergy & Clinical Immunology*

9. PROFESSIONAL/MEDICAL MEMBERSHIPS:

Fellow: American College of Physicians – 1982
American Academy of Dermatology – 1977
American College of Allergy & Immunology – 1990
American Academy of Allergy, Asthma & Immunology - 1993

Member: American Academy of Dermatology
American Academy of Allergy, Asthma & Immunology – 1989-2012
Dermatologic Diseases Interest Section
Chairman, Committee on Contact Dermatitis
Joint Task Force on Practice Parameters for Allergy & Immunology
American College of Asthma, Allergy & Immunology
Board of Regents, 2002 – 2005
Committee, Black Mold
Federation of Regional, State, and Local Allergy & Immunology Societies,
Governor of Region 5 (MidSouth)- 1996-2000
Texas Medical Association
Texas Allergy, Asthma & Immunology Society
Board of Directors 1993-95; 2002-2005
Texas Dermatology Society
Southwest Allergy Forum, Board of Directors – 2002
Greater San Angelo Dermatology Society
San Antonio Allergy Society (President-1994)
Society of Air Force Physicians

10. HONORS & AWARDS:

United States Air Force Medal for Meritorious Service, 1995
United States Air Force Commendation Medal, 1978
Oak Leaf Cluster, 1984
Clemens Von Pirquet Research Award, ACAI, 1987
Young Investigator of the Year Award, AAAI, 1989
First Place, “Insights in Allergy” Postdoctoral Fellows-in-Training Essay Contest, 1989
United States Air Force Certificate of Recognition:
Medical Officer-in-Charge for 1991 Operation “Push Pull”
Operation Desert Shield/Desert Storm Support
The Best Doctors in America, 1996-1997 – Allergy & Immunology
John P. McGovern Lecture, ACAAI Annual Meeting, 1999
Presidential Citation – American Academy of Dermatology, 2004
Distinguished Service Award – ACAAI, 2006
Distinguished Fellow Award – ACAAI, 2007
Donald M. Fourier, MD, Memorial Lecture, LSU Medical School, 2012

11. PUBLIC SERVICE ACTIVITIES & MEMBERSHIPS:

Chairman, Combined Federal Campaign – 1991
Wilford Hall USAF Medical Center, Lackland AFB, Texas
American Lung Association
San Antonio Chapter, Board of Directors, 1993 - 1995
Brazos Valley Chapter, Board of Directors, 1995-1997
Sunrise Rotary Club of San Angelo; Paul Harris Fellow

12. MILITARY SERVICE:

**Commissioned, United States Air Force Medical Service Corps
1st Lt. - June, 1970**

University of Texas Medical Branch
Galveston, Texas

**United States Air Force Medical Corps
Captain - June, 1971**

Wilford Hall USAF Medical Center
Lackland AFB (San Antonio), Texas

Laughlin AFB (Del Rio), Texas

Wilford Hall USAF Medical Center
Lackland AFB (San Antonio), Texas

Armed Forces Institute of Pathology
Walter Reed Army Medical Center, Washington, D.C.

Wilford Hall USAF Medical Center
Lackland AFB (San Antonio), Texas

Keesler USAF Medical Center
Keesler AFB (Biloxi), Mississippi

Resigned Active Duty, Major - June, 1978

Mississippi Air National Guard
172nd Tactical Air Command Clinic
Jackson, Mississippi

**Returned to Active Duty, United States Air Force Medical Corps
Lt. Colonel - July 1981**

Clark USAF Regional Medical Center
Clark Air Base, Republic of the Philippines

Wilford Hall USAF Medical Center
Lackland AFB (San Antonio), Texas

The Johns Hopkins University School of Medicine
Baltimore, Maryland

Wilford Hall USAF Medical Center
Lackland AFB, (San Antonio), Texas

**Retired, United States Air Force Medical Corps
Colonel - April, 1995**

13. PUBLICATIONS:

Books

1. URTICARIA. *Immunology and Allergy Clinics of North America*, Vol 15, No 4. Ernest N. Charlesworth, M.D., Guest Editor. W.B. Saunders Company, Philadelphia, November 1995.
2. Cutaneous Allergy. Charlesworth, EN. Blackwell Science, Inc., New York, 1996.

Book Chapters

1. Basophil Activation and Recruitment in Allergic Diseases. In Progress in Allergy & Clinical Immunology, Eds. Prichler, Stadler, Dahinden, et al. Hogrefe & Huber, Germany, pp12-17, 1989.
2. Role of Basophils and Mast Cells in Acute and Late Reactions in the Skin. In Human Basophils and Mast Cells: Clinical Aspects, G. Marone, Editor. Karger, Basel, pp88-104, 1995.
3. Atopic Dermatitis: New Therapeutic Directions. In American College of Allergy, Asthma & Immunology - Multimedia Accelerated Learning CD-ROM, Blaiss MS and Portnoy J, Eds. SilverPlatter Education, Inc, Norwood MA, 1995.
4. Allergic Skin Disease: Atopic Dermatitis as a Prototype. In Primary Care: Clinics in Office Practice, Allergy and Immunology, Vol 25 No 4. William T. Shearer, Editor. W.B. Saunders Company, Philadelphia PA, pp775-790, December 1998.
5. Allergic Skin Conditions. In: Expert Guide to Allergy and Immunology. Ray Slavin and Robert Reisman, Editors. American College of Physicians, Philadelphia PA, pp 81-104, March 1999.
6. Chronic Urticaria and Angioedema: Background, Evaluation, and Treatment. In: Manual of Allergy and Immunology. Daniel C. Adelman, MD, Thomas B, Casale, MD, and Jonathan Corren, MD, Editors. Lippincott, Williams & Wilkins, Philadelphia, PA pp 187-198, 2002.
7. Urticaria. In: Allergy - Second Edition. Serena Bureau, editor. Mosby, Harcourt Publishers Limited, London, pp 93-104, 2001.
8. Allergic Dermatoses and Urticaria, Section Editor. In: Current Allergy and Asthma Reports, Vol 3 No 4. Michael Kaliner, Editor-in-Chief. Current Science, Inc., Philadelphia, PA, pp 281-310, 2003.

Journal Articles

1. Charlesworth EN, Johnson JL. An Epidemic of Canine Scabies in Man. *ArchDerm* 110:572-4, 1974.
2. Charlesworth EN. Immunofluorescence of the Skin: An Update in Clinical Immunodermatology. *J Military Assoc Derm* Vol 1, No. 2, pp 55-9, 1975.
3. Charlesworth EN. Desmoplastic Malignant Melanoma. *J Military Assoc Derm* Vol 2, No. 1, pp 32-4, 1976.
4. Charlesworth EN, Backe JT, Garcia RL. Iodide Induced Immunofluorescence in Dermatitis Herpetiformis. *Arch Derm* 112:55, 1976.
5. Backe JT, Charlesworth EN, Garcia RL. Immunoglobulin M in Tuberculoid Leprosy. *Arch Derm* 112:557, 1976.
6. Charlesworth EN. Phenytoin-Induced Pseudolymphoma: An Immunologic Study. *Arch Derm* 113:477-81, 1977.
7. Charlesworth EN, Clegern R. Tropical Rat Mite Dermatitis. *Arch Derm* 113:937-9, 1977.
8. Charlesworth EN, Kagey-Sobotka A, Norman PS, Lichtenstein LM. Effect of Cetirizine on Mast Cell Mediator Release and Cellular Traffic During the Cutaneous Late-Phase Reaction. *J Allergy Clin Immunol* 83:905-12, 1989.
9. Charlesworth EN, Hood AF, Soter NA, et al. The Cutaneous Late-Phase Response to Allergen: Mediator Release and Inflammatory Cell Infiltration. *J Clin Invest* 83:1519-26, 1989.
10. Charlesworth EN, Iliopoulos O, MacDonald SM, et al. Cells and Secretagogues Involved in the Human Late-Phase Response. *Int Arch Allergy Immunol* 88:50-3. 1989.
11. Bochner BS, Schleimer RP, Charlesworth EN, et al. Basophil Activation and Recruitment in Allergic Diseases. In Progress in Allergy and Clinical Immunology, Eds. Prichler, Stadler, Dahinden, et al. Hogrefe & Huber, Germany, pp 12-7, 1989.
12. Cohan VL, Massey WA, Gittlen SD, et al. The Heterogeneity of Human Histamine Containing Cells. Proceedings of a Symposium on Mast Cell and Basophil Differentiation and Function in Health and Disease. Raven Press, Baltimore, 1990.
13. Charlesworth EN. The Skin as a Model to Study the Pathogenesis of IgE Mediated Late-Phase Responses. *Insights in Allergy* Vol 5, No. 1, April 1990.
14. Charlesworth EN, Bochner BS, Kagey-Sobotka A, et al. Interleukin-1 (IL-1) Release During the Cutaneous Late-Phase Response (LPR) to Antigen. *J Allergy Clin Immunol* 85(1, pt 2):214, 1990.

15. Charlesworth EN. Therapeutic Implications of Late-Phase Allergic Reactions in the Skin. *Insights in Allergy* Vol 5(special issue): October, 1990.
16. Bochner BS, Charlesworth EN, Lichtenstein LM, et al. Interleukin-1 Released at Sites of Human Cutaneous Allergic Reactions. *J Allergy Clin Immunol* 86:830-9, 1990.
17. Massey WA, Charlesworth EN, Kagey-Sobotka A, et al. Cetirizine Blocks Granulocyte Influx into Allergic Late-Phase Reaction Sites. *J Allergy Clin Immunol* 85(1, pt2):214,1990.
18. Charlesworth EN, Kagey-Sobotka A, Norman PS, Lichtenstein LM. Prednisone Inhibits the Appearance of Inflammatory Mediators and the Influx of Eosinophils and Basophils Associated with the Cutaneous Late-Phase Response to Allergen. *J of Immunol* 146 (2):671-6, 1991.
19. Jordan-Wagner DL, Shreeve DF, Charlesworth EN. Intractable Sneezing: A Case Report and Review of the Literature. *Pediatric Asthma, Allergy and Immunology*. Vol VI, No.3, Fall 1992.
20. Lee CE, Freeman TM, Charlesworth EN. Extremely Elevated IgE [Clinical Conference]. *Annals of Allergy* 69:399-405, 1992.
21. Lee CE, Neuland ME, Teaford HG, et al. Interleukin-6 is Released in the Cutaneous Response to Allergen Challenge in Atopic Individuals. *J Allergy Clin Immunol* 89:1010-20, 1992.
22. Charlesworth EN, Massey WA, Kagey-Sobotka A, et al. Effect of H1 Receptor Blockade on the Early and Late Response to Cutaneous Allergen Challenge. *J Pharmacol Exp Ther* 262:964-70, 1992.
23. Kundrotas L, Charlesworth E. Localized Flare Reaction to Intravenous Drug Administration for Conscious Sedation During Endoscopy [letter]. *Gastrointest Endosc* 39;109-10, 1993.
24. Charlesworth EN, Kagey-Sobotka A, Norman PS, et al. Cutaneous Late-Phase Response in Food Allergic Children and Adolescents with Atopic Dermatitis. *Clin Exp Allergy* 23(5):391-7, 1993.
25. Massey WA, Charlesworth EN, Friedhoff L, et al. Cutaneous IgE-mediated Inflammatory Lesion Size is Inhibited by an H1 Antagonist (Terfenadine) While Mediator Release is Unaffected In Vivo and In Vitro. *Clin Exp Allergy* 23:399-405, 1993.
26. Nish WA, Charlesworth EN, Davis TL, et al. The Effect of Immunotherapy on the Cutaneous Late Phase Response to Antigen. *J Allergy Clin Immunol* 93(2):484-93, 1994.
27. Charlesworth EN. The Skin as a Model to Study the Pathogenesis of IgE-mediated Acute and Late-Phase Responses. *J Allergy Clin Immunol* 94(6 pt 2):1240-50, 1994.

28. Charlesworth EN. Practical Approaches to the Treatment of Atopic Dermatitis. *Allergy Proc* 15:269-74, 1994.
29. Charlesworth EN. Role of Basophils and Mast Cells in Acute and Late Reactions in the Skin. *Chem Immunol* 62:84-107, 1995.
30. Charlesworth EN. Urticaria and Angioedema: A Clinical Spectrum [Review Article]. *Ann Allergy Asthma Immunol* 76:484-96,1996
31. Charlesworth EN. Late-phase Inflammation: Influence on Morbidity. *J Allergy Clin Immunol* 98(6 pt 3):S291-7, 1996.
32. Charlesworth EN. The Role of Basophils and Mast Cells in Acute and Late Reactions in the Skin. *Allergy* 52(34 Suppl):31-43, 1997.
33. Leung DY, Hannifin JM, Charlesworth EN, et al. Disease Management of Atopic Dermatitis: A Practice Parameter [Joint Task Force on Practice Parameters, representing the American Academy of Allergy, Asthma & Immunology, the American College of Allergy, Asthma & Immunology, and the Joint Council of Allergy, Asthma and Immunology Work Group on Atopic Dermatitis]. *Ann Allergy Asthma Immunol* 79:197-211, 1997.
34. Charlesworth EN, Nish WA, George T, et al. In Vitro Eosinophil Survival, In Vitro Histamine Release, and Skin Test Reactivity is Attenuated Following Standard High Dose Immunotherapy in Atopic Subjects. In press *J Allergy Clin Immunol*.
35. Charlesworth EN. Allergic Skin Disease: Atopic Dermatitis as a Prototype. *Prim Care* 25(4), pp775-90, 1998.
36. Charlesworth EN. Skin Manifestations of Allergic Reactions: A 'Comparative Color Atlas'. *J Am Osteopath Assn* 99(3):S17-19, Mar 1999.
37. Charlesworth EN. Atopic Eczema and the Allergist. *Allergy Asthma Proc* 20(5), pp 305-10, 1999.
38. Charlesworth EN. Abnormal Steroid Responsiveness in Atopic Dermatitis Patients: Therapeutic Implications. *Ann Allergy Asthma Immunol* 85(1), pp. 3-4, 2000.
39. Charlesworth EN. Immune-mediated Dermatologic Skin Disorders in the Senior Patient. *Allergy Asthma Proc* 21(5), pp. 271-5, 2000.
40. Charlesworth EN. Counterpoint to the use of Systemic Corticosteroids in the Stevens-Johnson Syndrome. *Ann Allergy Asthma Immunol* 85(5), pp. 422;discussion 423, 2000.
41. Charlesworth EN. Chronic Urticaria: Background, Evaluation, and Treatment. *Curr Allergy Asthma Rep* 1(4), pp. 342-7, 2001.
42. Charlesworth EN. Differential Diagnosis of Angioedema. *Allergy Asthma Proc* 23(5):337-9, 2002.

43. Charlesworth EN. Urticaria and Angioedema. *Allergy Asthma Proc* 23(5):341-5, 2002.
44. Charlesworth EN, Beltrani VS. Pruritic Dermatoses: Overview of Etiology and Therapy. *Am J Med* 113 Suppl9A:25S-33S, 2002.
45. Fonacier L, Charlesworth EN. Patch Testing for Allergic Contact Dermatitis in the Allergist Office. *Curr Allergy Asthma Rep* 3(4):283-90, 2003.
46. Charlesworth EN. Probiotics in Primary Prevention of Atopic Disease. *Curr Allergy Asthma Rep*. 3(4):281, 2003 [Clinical Trials Report].
47. Charlesworth EN. Effect of Probiotic Lactobacillus Strains in Children with Atopic Dermatitis. *Curr Allergy Asthma Rep* 3(4):281-2, 2003 [Clinical Trials Report].
48. Bardana EJ, Chapman JA, Charlesworth EN, Jacobs RL, Terr AI. Crossing over to the dark side of the mold issue: a dissenting view. *Ann Allergy Asthma Immunol*. Aug 91(2):212-3, 2003.
49. Chapman JA, Terr AI, Jacobs RL, Charlesworth EN, Bardana EJ Jr. Toxic Mold: phantom risk vs science. *Ann Allergy Asthma Immunol*. Sep 91(3):222-32, 2003 [Review].
50. Charlesworth EN. The allergy and immunology specialist: what is the role in the treatment of skin disease? *Clin Rev Allergy Immunol*. Oct 27(2):123-32, 2004.
51. Fonacier LS, Charlesworth EN, Mak WY, Bahna SL. American College of Allergy & Immunology (ACAAI) Patch testing and allergic dermatologic disease survey: the use of this procedure and the effect of education on confidence, attitude and usage. *Am J Contact Derm*. Dec 14:164-169, 2002.
52. Fonacier L, Spergel J, Charlesworth EN, Weldon D, Beltrani V, Bernhisel-Broadbent J, Boguniewicz M, Leung DY; C. Report of the Topical Calcineurin Inhibitor Task Force of the American College of Allergy, Asthma and Immunology and American Academy of Allergy, Asthma and Immunology. *J Allergy Clin Immunol*. Jun 115(6):1249-53, 2005.
53. Charlesworth EN. Immunomodulation in dermatology: lessons learned in the treatment of psoriasis. *Dermatology Digest* Oct 1(3): 1-8, 2005.
54. Charlesworth EN. Immunomodulation in dermatology: lessons learned in the treatment of psoriasis. *Allergy Asthma Proc* Mar-Apr 27(2):123-5, 2006 [Review].
55. Fonacier L, Charlesworth EN, Spergel JM. The black box warning for topical calcineurin inhibitors: looking outside the box. *Ann Allergy Asthma Immunol* Jul 97(1):117-20, 2006 [Review].

56. Fonacier L, Bernstein D, Pacheco K, et al. Contact Dermatitis: A Practice Parameter – Update 2015. [Joint Task Force on Practice Parameters, representing the American Academy of Allergy, Asthma & Immunology, the American College of Allergy, Asthma & Immunology, and the Joint Council of Allergy, Asthma and Immunology Work Group on Contact Dermatitis - Reviewer]. *J Allergy Clin Immunol Pract* May-Jun 2015.

Abstracts

1. Charlesworth EN, Hood AF, Kagey-Sobotka A, et al. The Cutaneous Late-Phase Response to Allergen: Mediator Release and Inflammatory Cell Infiltration. *J Allergy Clin Immunol* 83:242, 1989.
2. Charlesworth EN, Bochner BS, Kagey-Sobotka A, et al. Interleukin-1 (IL-1) Release During the Cutaneous Late-Phase Response (LPR) to Antigen. *J Allergy Clin Immunol* 85(1, pt 2):214, 1990.
3. Charlesworth EN, Kagey-Sobotka A, Norman PS, Lichtenstein LM. Corticosteroids Inhibit the Cutaneous Late-Phase Response (LPR) to Allergen by Blocking the Influx of Eosinophils and Basophils. *J Allergy Clin Immunol* 87(1, pt 2):173, 1991.
4. Lee CE, Dixon PS, Charlesworth EN. Interleukin-6 is Released in the Cutaneous Response to Antigen Challenge. *J Allergy Clin Immunol* 87(1, pt 2):208, 1991.
5. Villacis BF, Goetz DW, Charlesworth EN. Decline in Pulmonary Function Tests (PFT) in Extrinsic Asthmatics Immediately Following Immunotherapy (IT). *J Allergy Clin Immunol* 87(1, pt 2):252, 1991.
6. Morris FM, Whisman BA, Valtier S, Charlesworth EN. Measurement of TNF-alpha, GM-CSF, and IL-4 in the Cutaneous Late-Phase Response to Antigen. *J Allergy Clin Immunol* 93(1, pt 2):363, 1994.
7. Fonacier LS, Charlesworth EN. Patch testing for allergic contact dermatitis in the allergist office. *Current Allergy and Asthma Reports* 2003, 3:283-290.

Recent Presentations & Lectures

“Black Mold: Toxic Killer or Unavoidable Nuisance?”

Donald M. Fourier, MD Memorial Lecture – September 27, 2012
Louisiana State University Medical School – Shreveport
Shreveport, Louisiana

“Overview on Atopic Dermatitis”

What You Need to Know About Allergies & Asthma: A Practical Approach
Texas Asthma, Allergy & Immunology Society (TAAIS) – October 18, 2014
San Angelo, Texas

“Dermatology for the Allergist”
Texas Asthma, Allergy & Immunology Society 2015 Annual Meeting
Bastrop, Texas

“Treatment of Refractory Atopic Dermatitis”
Intermountain Western Allergy Association (IWAA)
– 19th Annual Scientific Session (2016) – “Cutting Edge Allergy Care”
Park City, Utah

“Work-up and Treatment of Chronic Pruritus”
Intermountain Western Allergy Association (IWAA)
– 19th Annual Scientific Session (2016) – “Cutting Edge Allergy Care”
Park City, Utah