

# **Dr. Daniel P. McCauliffe's Curriculum Vitae**

## **Education / Postgraduate Training:**

**1970-1973** Granville High School, Granville, NY  
Valedictorian

**1973-1977** Rensselaer Polytechnic Institute, Troy, NY  
Graduated with Highest Academic Honors  
BS-Biology, 1977

**1977-1981** Albany Medical College, Albany, NY  
Dean's Letter of Commendation for Academic Excellence  
MD, 1981

**1981-1984** Internal Medicine Residency  
Wright-Patterson AFB Medical Center, Dayton, OH

**1987-1991** Dermatology Residency and Immunodermatology Research Fellowship  
University of Texas Southwestern Medical Center, Dallas, TX

## **Military Service:**

**1984-1986** Chief of Medicine, Director of Medical Education, Director of  
Emergency Care Services, USAF Hospital, Grand Forks AFB, ND

**1986-1987** Staff Internist, USAF Medical Center, Scott AFB, IL

## **Academic Positions:**

**1985-1986** Clinical Assistant Professor of Medicine  
University of North Dakota Medical School, Grand Forks, ND

**1990-1991** Research Assistant Professor of Dermatology  
University of Texas Southwestern Medical Center, Dallas, TX

**1991-1996** Assistant Professor of Dermatology  
University of North Carolina, Chapel Hill, NC

**1996-2000** Associate Professor of Dermatology  
University of North Carolina, Chapel Hill, NC

**Present** Adjunct Clinical Professor of Dermatology  
University of North Carolina, Chapel Hill, NC

**Board Certifications:**

National Board of Medical Examiners  
American Board of Internal Medicine  
American Board of Dermatology

**Professional Organizations:**

American Academy of Dermatology, 1991 - present  
American Federation for Clinical Research, 1991 - 2000  
Society of Investigative Dermatology, 1992 - 2001  
American College of Rheumatology, 1993 - 2001  
North Carolina Dermatology Association, 1996 - 2000  
American Association for the Advancement of Science, 1996 - 2000  
Dermatology Foundation Leaders Society, 1997 - 1999  
Vermont Physicians Clinic, 2000 - present  
Vermont Medical Society, 2001 – present  
American Society for Dermatologic Surgery, 2003 - present

**Professional Awards:**

US Air Force Health Professional Scholarship (1978-81)  
Upjohn Research Award, recognition for outstanding research in dermatology (1988)  
Young Investigator Award, Clinical Dermatology (1990)  
Dermatology Foundation Career Development Award (1990-2)  
University of North Carolina Junior Faculty Development Award (1992)  
National Institutes of Health FIRST Award (1993-7)  
National Institutes of Health R01 Award (1995-8)

**Professional Clinical Activities:**

Medical dermatology including the evaluation and treatment of pediatric and adult diseases of the skin, hair and nails

Surgical dermatology including surgical excisions, laser treatment and repairs of skin lesions and defects

Aesthetic dermatology including botulinum toxin (Botox) for medical and cosmetic purposes; sclerotherapy; vascular laser treatment of cutaneous vascular lesions; laser skin resurfacing; collagen and hyaluronic acid (Restylane) replacement therapy; and intense pulse light (IPL) therapy for photo-rejuvenation, permanent hair reduction, and leg vein treatment.

Attending and consultant work on hospitalized patients with cutaneous disease

Teaching of medical students, dermatology residents and residents in other specialties, and primary care physicians

Teaching of medical students, dermatology residents and residents in other specialties, and primary care physicians – remove as duplicate -see above sentence

Past Director of the University of North Carolina Dermatology Clinics, and Current Director of the Rutland Skin Center

## **International, National and Regional Lectures given by Dr.**

### **McCauliffe:**

(excludes local lectures)

**1991** American Academy of Dermatology, Dallas, TX; Introductory Allergy and Immunology Course: Cutaneous Lupus Erythematosus.

**1992** American Academy of Dermatology, San Francisco, CA; Introductory Allergy and Immunology Course.

World Congress of Dermatology, New York, NY; Lupus Erythematosus Symposium. Area Health Education Center (AHEC), Ashboro, NC; Cutaneous Lupus Erythematosus.

AHEC, Charlotte, NC; Cutaneous Lupus Erythematosus.

**1993** American Academy of Dermatology, Washington, DC; Practical Management of Patients with Collagen Vascular Disease Symposium.

AHEC, Charlotte, NC; Molecular dermatology.

**1994** Invited Guest Speaker - 4th Annual UNC/Duke Rheumatology Update, Research Triangle Park, NC; Cutaneous Lupus Erythematosus.

AHEC, Charlotte, NC; Ro/SS-A Autoantibodies.

Invited Guest Speaker - Japanese Society for Investigative Dermatology, National Meeting, Osaka, Japan; Similarities in Autoantibody Response in Annular Erythema of Sjogren's Syndrome and Subacute Cutaneous Lupus Erythematosus.

**1996** Southeastern Consortium for Dermatology, Chapel Hill, NC; Patient Case Presentations.

AHEC, Charlotte, NC; Teledermatology, Interesting Dermatology Cases.

**1997** AHEC, Burlington, NC; What's New in Dermatology.

AHEC, High Point, NC; Cutaneous Manifestations of Systemic Disease.

American Academy of Dermatology Meeting, Washington D.C.; Cutaneous Disease Associations with Ro/SS-A Autoantibodies in Adults (Rheumatology Symposium).

North Carolina Dermatology Association Annual Meeting, Pinehurst, NC;

Practical Value of ANA and Related Tests in the Evaluation of Collagen Vascular Diseases.

**1998** American Academy of Dermatology, Orlando, FL; Update in Collagen Vascular Diseases; Autoantibody Testing - A Practical Approach for Dermatologists. Invited Guest Speaker - International Neonatal Lupus Erythematosus Symposium, Milan, Italy; Conventional Ro/SS-A Serologic Assays Fail to Detect Anti-52 kD Ro/SS-A Autoantibodies; Cutaneous Diseases Associated With the Ro/SS-A Autoimmune Response.

AHEC, Henderson, NC; Dermatology Update.

Invited Guest Speaker - Pan-American Congress of Rheumatology, Montreal, Canada; Management of Refractory Cutaneous Lupus Erythematosus.

Invited Guest Speaker - Medicine Grand Rounds, Mary Imogene Bassett Medical Center, Cooperstown, NY; Practical Value of ANA and Related Tests in the Evaluation of Collagen Vascular Disorders.

Invited Guest Speaker - Dermatology Symposium, NC State University – College of Veterinary Medicine; Cutaneous Lupus Erythematosus.

Invited Guest Speaker - New Zealand Dermatology Society Meeting, Port Vila, Vanuatu; Cutaneous Lupus Erythematosus; Antinuclear Antibody Testing-A Dermatologist's Perspective; Dermatomyositis; Neonatal Lupus Erythematosus and Other Ro/SS-A Autoantibody-Associated Cutaneous Disorders.

**1999** Invited Guest Speaker - Grand Rounds, St. Paul Medical Center, Dallas, TX: Diagnosing and Managing Cutaneous Lupus Erythematosus.

American Academy of Dermatology, New Orleans, LA; Update in Collagen Vascular Diseases; ANA Testing - A Practical Approach for Dermatologists; Rheumatology Symposium-Cutaneous diseases associated with anti-Ro/SS-A Autoantibodies.

Invited Guest Speaker - CAPS 1999 Continuing Education Seminar, Durham, NC: Dermatology Update; Fundamental Skin Disease Assessment.

Invited Speaker - North Carolina Dermatology Association Annual Meeting, Research Triangle Park, NC: Dermatologic uses of Botulinum Toxin (Botox).

**2000** Invited Guest Speaker - Department of Dermatology, University of Iowa, Iowa City, IA: Dermatomyositis, Diagnosis and Management; Practical Value of ANA Testing.

American Academy of Dermatology, San Francisco, CA: Internal Medicine Course - Lupus Erythematosus and Scleroderma; Rheumatology Symposium - Autoantibody Detection Assays: What to Order; Cutaneous Lupus Erythematosus.

**2001** American Academy of Dermatology, Washington, DC: Internal Medicine Course - Lupus Erythematosus and Scleroderma.

Duke University Medical Center, Durham, NC: Cutaneous Lupus Erythematosus.

**2002** American Academy of Dermatology, New Orleans, LA: Internal Medicine Course - Lupus Erythematosus and Scleroderma.

**2003** University of North Carolina, Chapel Hill, NC: Cutaneous Lupus erythematosus; Transition from Academia to Private Practice.  
Invited Guest Speaker - Fun & CME by the Sea Meeting, Bald Head Island, NC:  
Update and Review on ANA testing.

**Dr. McCauliffe has been a reviewer of articles submitted for publication to the following journals:**

Archives of Dermatology  
Arthritis and Rheumatism (add)  
Clinical and Experimental Immunology  
Journal of the American Academy of Dermatology  
Journal of Clinical Investigation  
Journal of Immunology  
Journal of Investigative Dermatology  
Journal of Musculoskeletal Medicine  
Journal of Pediatrics  
Journal of Rheumatology  
Lancet  
Lupus  
New England Journal of Medicine  
Scandinavian Journal of Rheumatology

**Publications:**

McCauliffe DP, Lieu TS, Sontheimer RD. An enzyme-linked immunosorbent assay (ELISA) inhibition technique for quantifying Ro/SS-A antigen in skin and other types of human tissue. Clin Res 36:673A, 1988.

McCauliffe DP, Lieu TS, Sanz I, Hanke J, Newkirk M, Sontheimer RD, Capra JD. Structural, immunological and molecular genetic studies of the Ro/SS-A (Ro) polypeptide. Clin Res 36:377A, 1988.

McCauliffe DP, Lieu T-S, Sanz I, Hanke J, Newkirk M, Capra JD, Sontheimer RD. Immunological and molecular genetic studies of the Ro/SS-A polypeptide. Clin Res 37:79A, 1989.

Lieu T-S, McCauliffe DP, Capra JD, Sontheimer RD. Structure and epitope study of human Ro/SS-A antigen. FASEB J 3:A491, 1989.

Lieu T-S, McCauliffe DP, Arnett FC, Lee LA, Deng J-S, Capra JD, Sontheimer RD. Epitope mapping of the human Wil-2 cell Ro/SS-A autoantigenic polypeptide. Clin Res 37:662A, 1989.

McCauliffe DP, Lieu T-S, Capra JD, Sontheimer RD. The genomic

configuration of a human Ro/SS-A gene. Clin Res 37:758A, 1989.

McCauliffe DP, Lux FA, Lieu TS, Sanz I, Hanke J, Newkirk M, Siciliano MJ, Sontheimer RD and Capra JD. 1989. Ro/SS-A and the pathogenic significance of its antibodies. J Autoimmunity 2:375-81, 1989.

Lieu TS, McCauliffe DP, Newkirk MM, Arnett FC, Lee LA, Deng JS, Capra JD, Sontheimer RD: A major autoepitope is present on the amino terminus of the human Ro/SS-A polypeptide. J Autoimmunity 2:367-374, 1989.

McCauliffe DP, Lux FA, Lieu TS, Sanz I, Hanke J, Newkirk MM, Bachinski LL, Itoh Y, Siciliano MJ, Reichlin M, Sontheimer RD, Capra JD: Molecular cloning, expression and chromosome 19 localization of a human Ro/SS-A autoantigen. J Clin Invest 85:1379-91, 1990.

McCauliffe DP, Lieu TS, Michalak M, Sontheimer RD, Capra JD: A human Ro/SS-A autoantigen is the homologue of calreticulin and is highly homologous with onchocercal Ral-1 antigen and an aplasia memory molecule. J Clin Invest 86:332-335, 1990.

Sontheimer RD, McCauliffe DP. Pathogenesis of anti-Ro/SS-A autoantibody-associated cutaneous lupus erythematosus. Dermatology Clinics 8:751-758, 1990.

Lieu T-S, McCauliffe DP, Volpe P, Alderson-Lang BH, Michalak M, Capra JD, Sontheimer RD: Structural and Functional Homology Between a Human Ro/SS-A (Ro) Autoantigen and the Calcium-binding Protein (CBP), Calreticulin (CR). Clin Res 38:408A, 1990.

McCauliffe DP, Lieu T-S, Kennedy T, Sontheimer RD, Capra JD: A Human Ro/SS-A (Ro) Autoantigen is the Human Homologue of Murine Calreticulin, Onchocercal Ral-1 Antigen, and Aplasia Protein 407. Clin Res 38:631A, 1990.

Zappi E, McCauliffe DP, Sontheimer RD and Capra JD: Cloning and Sequencing of the Drosophila Homologue of a Human Ro/SS-A (Ro) Autoantigen. Clin Res 38:633A, 1990.

Lux FA, McCauliffe DP, Buttner DW, Capra JD, Sontheimer RD, Lieu T-S: Antibodies (Abs) to Onchocerca Volvulus Cross-React with a Human Ro/SS-A (Ro) Autoantigen (Aag). Clin Res 38:626A, 1990.

Lieu T-S, McCauliffe DP, Lee LA, Norris DN, Capra JD, Sontheimer RD: Variant Epitope Binding Protein (EBP) of Drug-Induced Ro/SS-A Autoantibodies (A-Ro). Clin Res 38:631A, 1990.

McCauliffe DP, Sontheimer RD, Capra JD: Characterization of the human 46 kD Ro/SS-A autoantigen promoter region. Arthritis Rheum 33S:C131, 1990.

Sontheimer RD, McCauliffe DP, Michalak M, Capra JD, Lieu TS: Cytoplasmic localization of a calcium-binding 46 kD human Ro/SS-A antigen. *Arthritis Rheum*, 33S:B15, 1990.

McCauliffe DP, Yang YS, Sontheimer RD, Capra JD. Characterization of the promoter region of human calreticulin (the 46 kD Ro/SS-A autoantigen). *J Invest Dermatol* 96:538, 1991.

Lieu TS, Zappi EG, McCauliffe DP, Haseman CA, Capra JD, Sontheimer RD. Frequency of antibodies to human calreticulin in precipitating Ro/SS-A autoantibody-positive sera. *J Invest Dermatol* 96:572, 1991.

Zappi EG, McCauliffe DP, Haseman CA, Lieu TS, Sontheimer RD, Capra JD. Expression of the human 46 kD Ro/SS-A autoantigen calreticulin) as a recombinant protein. *J Invest Dermatol* 96:561, 1991.

Sontheimer RD, Lieu T-S, McCauliffe DP. Molecular Characterization of the Ro/SS-A autoimmune response. *Seminars in Dermatology* 10:199-205, 1991.

McCauliffe DP and Poitras K. Aspartame-induced lobular panniculitis. *J Am Acad Dermatol* 24:298-300, 1991.

McCauliffe, DP, Gardner D. Ro/SS-A autoantibodies reactivity with recombinant 60, 52 and 46 kD fusion proteins. *J Invest Dermatol* 98:630, 1992.

Sontheimer RD, McCauliffe DP, Wilson JL, Capra JD. Transcriptional regulation of human calreticulin. *J Invest Dermatol* 98:628, 1992.

McCauliffe DP, Yang YS, Wilson J, Sontheimer RD, Capra JD. The 5' flanking region of the human calreticulin gene is highly homologous with the human GRP78, GRP94 and protein disulfide isomerase promoters. *J Biol Chem* 267:2557-2562, 1992.

McCauliffe DP, Sontheimer RD. Subacute cutaneous lupus erythematosus. In: Wallace DJ and Hahn BH, editors. *Dubois' Lupus Erythematosus*. Philadelphia, Lea & Febiger, 302-309, 1992.

Sontheimer RD, McCauliffe DP, Zappi E, Targoff IN. The fine specificity of rheumatic disease-associated autoantibodies. *Advances in Dermatology* 7:3-52, 1992. Chicago: Year Book Medical Publishers, Inc.

Black AA, McCauliffe DP, Sontheimer RD. Prevalence of acne rosacea in a rheumatic skin disease subspecialty clinic. *Lupus* 1:229-237, 1992.

Lux FA, McCauliffe DP, Buttner DW, Capra JD, Sontheimer RD, Lieu TS. Serologic cross-reactivity between a human Ro/SS-A autoantigen (calreticulin) and the Ral-1 antigen of *Onchocerca volvulus*. *J Clin Invest* 89:1945-1951, 1992.

McCauliffe DP, Sontheimer RD. Molecular studies of the Ro/SS-A autoantigens. Pages 798-804 In: *Dermatology Progress & Perspectives*; eds: Burgdorf WHC and Katz SI. Parthenon Publishing Group, Inc., Pearl River, New York, 1992.

Lucas L, Yin H, McCauliffe DP. 52 and 60 kD Ro/SS-A autoantigens are expressed by human keratinocytes and are reactive with subacute cutaneous and neonatal lupus erythematosus sera. *J Invest Dermatol* 100:575, 1993.

Lowen L, McCauliffe DP. The 52 kD Ro/SS-A autoantigen binds DNA with high affinity and is a member of a novel family of zinc finger proteins. *J Invest Dermatol* 100:553, 1993.

McCauliffe DP, Sontheimer RD. Molecular characterization of the Ro/SS-A autoantigens. *J Invest Dermatol* 100:73S-79S, 1993.

McCauliffe DP and Sontheimer RD. Dermatologic Manifestations of Rheumatic Disorders. *Primary Care* 20:925-941, 1993.

Cornelius PB, McCauliffe DP. Detection of Ro/SS-A autoantibodies in dermatomyositis sera. *J Invest Dermatol* 102:635, 1994.

McCauliffe DP, Yin H, Wang L, Lucas L. Subacute cutaneous and neonatal lupus erythematosus sera react with multiple epitopes on the 52 and 60 kD Ro/SS-A autoantigens. *J Invest Dermatol* 102:635, 1994.

McCauliffe DP, Lupus erythematosus-specific cutaneous disease. *Keio J Med* 43:225, 1994.

McCauliffe DP, Yin Y, Wang L, Lucas L. Autoimmune sera react with multiple epitopes on recombinant 52 and 60 kD Ro/SS-A proteins. *J Rheumatol* 21:1073-1080, 1994.

Satoh M, Langdon JJ, Chou CH, McCauliffe DP, Treadwell EL, Ogasawara T, Hirakata M, Suwa A, Cohen PL, Eisenberg RA, Reeves WH. Characterization of the Su antigen, a macromolecular complex of 100/102 and 200-kDa proteins recognized by autoantibodies in systemic rheumatic diseases. *Clin Immunol Immunopathol* 73:132-141, 1994.

McCauliffe, DP. The autoantibodies of neonatal lupus erythematosus. *J Invest Dermatol* 102: 827, 1994.

Yell JA, Wang L, Yin H, McCauliffe DP. The location of the 60 and 52 kD Ro (SS-A) antigens in human keratinocytes. *J Invest Dermatol* 104:641, 1995.

McCauliffe DP, Guest PJ, Folds JD. Cytoplasmic fluorescence on routine ANA testing is frequently associated with anti-60 kD Ro/SS-A autoantibodies. *J Invest Dermatol* 104:679, 1995.

McCauliffe DP. Neonatal Lupus Erythematosus: A transplacentally acquired autoimmune disorder. *Semin Dermatol* 14: 47-53, 1995.

McCauliffe DP, Wang L, Small D. A recombinant 52 kD Ro(SS-A) ELISA detects autoantibodies in primary Sjogren's syndrome sera that go undetected by conventional serologic assays. *Arthritis Rheum* 39:S181, 1996.

Yell, JA, Wang, L, Yin H, McCauliffe DP. 52 and 60 kD Ro/SS-A autoantigens have disparate intracellular locations in human keratinocytes. *Arthritis Rheum* 39:S181, 1996.

McCauliffe DP, Faircloth E, Wang L, Hashimoto T, Hoshino Y, Nishikawa T. Similar Ro/SS-A autoantibody epitope and titer responses in annular erythema of Sjogren's syndrome and subacute cutaneous lupus erythematosus. *Arch Dermatol* 32:528-531, 1996.

Yell JA, Wang L, Yin H, McCauliffe DP. Disparate locations of the 52 and 60 kD Ro/SS-A antigens in cultured human keratinocytes. *J Invest Dermatol* 107:622-626, 1996.

McCauliffe, DP. Antibody penetration into the cells of mice and men. *J Invest Dermatol* 107:3-4, 1996.

McCauliffe DP, Sontheimer RD. Cutaneous lupus erythematosus. Pages 67-82. In: *The Clinical Management of Systemic Lupus Erythematosus*, Ed: Schur PH. Lippincott-Raven Publishers, New York, 1996.

McCauliffe DP, Wang L, Satoh M, Reeves W, Small D. Anti-52 kD Ro(SS-A) autoantibodies go undetected by conventional Ro Serologic assays. *J Invest Dermatol* 108: 640, 1997.

McCauliffe DP, Wang L, Satoh M, Reeves WH, Small D. A recombinant 52 kD Ro(SS-A) ELISA detects autoantibodies in Sjogren's Syndrome sera that go undetected by conventional serologic assays. *J Rheumatol* 24:860-6, 1997.

McCauliffe DP. Cutaneous associations of anti-Ro/SS-A autoantibody production in adults. *Lupus* 6:158-166, 1997.

Skidmore RA, Davis DA, Woosley JT and McCauliffe DP. Massive dystrophic calcinosis cutis secondary to chronic needle trauma. *Cutis* 60:259-62, 1997.

McCauliffe DP. Distinguishing subacute cutaneous from other types of lupus erythematosus. *Lancet* 351:1527-8, 1998.

Franceschini F, Calzavara-Pinton P, Quinzanini M, Cavazzana I, Bettoni L, Zane C, Facchetti F, Airò P, McCauliffe DP, Cattaneo R. Chilblain lupus erythematosus is associated with antibodies to SSA/Ro. *Lupus* 8:215-219, 1999.

Gahli F, Groben P, McCauliffe DP. Panniculitis in juvenile dermatomyositis. *Pediatr Dermatol*, 16:270-2, 1999.

Gahli F, Stein L, McCauliffe DP. Rediscovery of gingival telangiectasias as a cutaneous marker for juvenile dermatomyositis. *Arch Dermatol* 135:1370-74, 1999.

Sweeny AL, McCauliffe DP. 52 Ro/SS-A protein resides along cytokeratin filaments in epithelial cells. *J Invest Dermatol* 114:856, 2000.

Lopez M, Wozniacka A, McCauliffe DP. 52 Ro/SS-A protein resides along cytokeratins and other intermediate filaments. *Arthritis Rheum* 2000. please remove "in press"

Jewell M, McCauliffe DP. Cutaneous lupus erythematosus patients that smoke are less responsive to antimalarial treatment. *J Am Acad Dermatol* 42:983-7, 2000.

McCauliffe DP. Neonatal Lupus Erythematosus, In: *Textbook of Paediatric Dermatology*, edited by Harper J, Oranje A, and Prose N. Blackwell Science Ltd, Oxford. Pages 111-6, 2001.

Morrell DS, Ghali FE, Stahr BJ, McCauliffe DP. Eccrine angiomatous hamartoma: A report of symmetric and painful lesions of the wrists. *Pediatr Dermatol* 18:117-9, 2001.

McCauliffe DP. Cutaneous lupus erythematosus. *Semin Cutan Med Surg* 20:14-26, 2001.

McCauliffe DP, Sontheimer RD. Cutaneous lupus erythematosus. Pages 573-618. In: Wallace DJ and Hahn BH, editors. *Dubois' Lupus Erythematosus*, 5th edition. Philadelphia. Lippincott, Williams & Wilkins, 2002.

Wozniacka A, Carter A, McCauliffe DP. Mechanisms by which antimalarials may provide therapeutic benefit in cutaneous lupus erythematosus. *Lupus* 11:71-81, 2002.

McCauliffe DP, Wozniacka A. 52 kD Ro/SS-A localizes to punctate structures in the cytoplasm of epithelial cells. *Cell Mol Biol Lett* 8:133-40, 2003.

Wozniacka A, Robak E, McCauliffe DP, Sysa-Jedrzejowska A. Pneumocystis carinii mimicking neonatal lupus erythematosus-related pneumonitis. *Pediatric Dermatology*, 20:524-8, 2003.

McCauliffe DP. Neonatal Lupus Erythematosus, In: *Textbook of Paediatric Dermatology*, second edition, edited by Harper J, Oranje A, and Prose N. Blackwell Science Ltd, Oxford. In Press, 2003.

Wozniacka A, McCauliffe DP. Optimal use of antimalarials in treating cutaneous lupus erythematosus. Submitted for Publication, 2003.