

CURRICULUM VITAE

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EDUCATION:

1964-1968 BS (Astronomy) Northwestern University, Evanston, IL
1968-1971 MS (Astrophysics) University of Florida, Gainesville, FL
1971-1975 MD Jefferson Medical College, Philadelphia, PA
1975-1978 Residency (Pediatrics) University of North Carolina at Chapel Hill, NC
1978-1980 Postdoctoral 1980 (Pediatric/Adult Allergy & Immunology) National Jewish Hospital/National Asthma Center

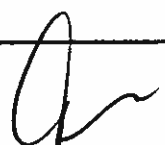
ACADEMIC AFFILIATION:

1980-Present Clinical Professor, Division of Allergy, Immunology & Environmental Medicine in the Department of Pediatrics, University of North Carolina at Chapel Hill, Chapel Hill, NC

EMPLOYMENT HISTORY

1986-Present Clinical Research - Medical Director, North Carolina Clinical Research, Raleigh, NC
1980-2016 Private Practice of Allergy and Asthma, Carolina Allergy and Asthma Consultants, PA, Raleigh and Cary, NC
1980-1992 Director of Pediatric Allergy Clinic, University of North Carolina at Chapel Hill, Chapel Hill, NC

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BOARD CERTIFICATION/LICENSURE:

North Carolina Medical License No. 24437

Diplomate of the American Board of Pediatrics, 1980

Diplomate of the American Board of Allergy and Immunology, a Conjoint Board of the American Board of Internal Medicine and the American Board of Pediatrics, 1985

Certified Physician Investigator (CPI) (Since 10/17/2008)

PROFESSIONAL SOCIETIES:

American Academy of Asthma, Allergy & Immunology (Fellow)

American College of Asthma, Allergy & Immunology (Fellow)

American Thoracic Society

AOA - Medical Honorary

North Carolina Society of Allergy and Clinical Immunology
Secretary/Treasurer 1989-2015

CRN Clinical Research Network, LLC

PROFESSIONAL SERVICES:

Served as medical reviewer for:

- *Pediatrics*
- *Pediatric Asthma*
- *Chest*
- *American Journal of Medicine*
- *Journal of Pediatrics*
- *American Society of Health System Pharmacist Drug Information*
- *The American Journal of Managed Care*
- *Annals of Allergy, Asthma & Immunology*

PUBLICATIONS:

1. LaForce CF, Miller MF, Chai H: Effect of erythromycin on theophylline clearance in asthmatic children. *J. of Pediatr.* 99:153, 1981. Presented at American Academy of Allergy and Immunology, March 1981.
2. LaForce CF, Szeffler SJ, Miller MF, Ebling W, Jusko WJ: Inhibition of Methyl prednisolone elimination in the presence of erythromycin therapy. *J. Allergy Clin. Immun.* 72:34, 1983. Presented at the American Academy of Allergy and Immunology, March 1983.
3. Hamrick JH, Jennette JC, LaForce CF: Kimura's Disease: Report of a pediatric case in the United States. *J. Allergy Clin. Immun.* 73:561, 1984.
4. Pierson WE, LaForce CF, Bell TD, MacCosbe PE, Sykes RS, Tinkleman D: Long-term double-blind comparison of controlled-release albuterol versus sustained-release theophylline in adolescent and adult asthmatics. *J. Allergy Clin. Immun.* 1990, 85(3):618-26. Presented at the American Academy of Allergy and Immunology, March 1989.
5. Meltzer EO, Orgel HA, Bronsky EA, Furakawa CT, Grossman J, LaForce CF, Lemanske RF, Paull BR, Pearlman DS, Ratner PH, Spector SL, Tinkleman D, VanAs A, Rogenes PR: A dose ranging study of fluticasone propionate aqueous nasal spray for seasonal rhinitis assessed by symptoms, rhinomanometry, and nasal cytology. *J. Allergy Clin. Immun.* 1990, 86(2):221- 30. Presented at the American Academy of Allergy and Immunology, March 1989.
6. Nathan R, Bronsky E, Fireman P, Grossman J, LaForce C, Lemanske RF, Pearlman D, Ratner P: A study of once-versus-twice daily intranasal fluticasone propionate in the treatment of seasonal rhinitis assessed by symptoms, rhinomanometry, and nasal cytology. *J. Allergy Clin. Immun.* 86:221, 1990. Presented at the American Academy of Allergy and Immunology, March 1989.
7. Nathan RA, Bronsky EA, Fireman P, Grossman J, LaForce CF, Lemanske RF Jr, Pearlman DS, Ratner PH, Rogenes PR: Once daily fluticasone propionate aqueous nasal spray is an effective treatment for seasonal allergic rhinitis. *Annals of Allergy* 1991 Sep; 67(3):332-8.
8. Pearlman DS, Chervinsky P, LaForce CF, Seltzer JM, Southern DL, Kemp JP, Dockhorn RJ, Grossman J, Liddle RF, Yancey SW, Cocchetto DM, Alexander WJ, vanAs A: A comparison of salmeterol with albuterol in the treatment of mild-to-moderate asthma. *N. Eng. J. Med.* 327:1420-1425, November 1992. Presented to AAAAI, 1991.
9. Winder J, Bell T, Brodsky L, English G, LaForce CF, Lopex M, Welch M, Feiss G, Tobey R, Smith J: A comparative study of intranasal triamcinolone acetonide aerosol and intranasal beclomethasone dipropionate aqueous spray in perennial allergic rhinitis. *Immun. and Aller. Practice* 15:203, 1993.

10. LaForce CF, Ellis EF, Kordansky DW, Cocchetto DM, Sharp JT: Use and acceptance of ventolin Rotacaps® and the Rotahaler® in 1235 asthmatic patients. *Clinical Therapeutics, Vol 15:2, March-April 1993, P321-29.*
11. Chervinski P, vanAs A, Bronsky EA, Dockhorn R, Noonan M, LaForce CF, Pleskow W: Fluticasone propionate aerosol for the treatment of adults with mild-to-moderate asthma. *J. Allergy Clin. Immunol. 1994; 94(4):676-683.*
12. Banov CH, Woehler TR, LaForce CF, Pearlman DS, Blumenthal MN, Miller MF, Morgan WF, Frazer H, Southern DL, Gold B, Field E, Rogenes PR: Once daily intranasal fluticasone propionate is effective for perennial allergic rhinitis. *Annals of Allergy 1994;73(3):240-6.*
13. LaForce CF, Dockhorn RJ, Findlay SR, Meltzer EO, Nathan RA, Stricker W, Weakley S, Field EA, Rogenes PR: Fluticasone propionate is more effective than beclomethasone dipropionate for seasonal allergic rhinitis in adults and adolescents. *J of Fam Pract; Vol. 38, No.2, (Feb.), 1994.*
14. Sheffer AL, LaForce C, Chervinsky P, Pearlman D, Schaberg A, and the Fluticasone Propionate Asthma Study Group: Fluticasone propionate aerosol: efficacy in patients with mild to moderate asthma. *J Fam Pract 1996; 42:369-75.*
15. LaForce CF, Dockhorn RJ, Prenner BM, Chu TJ, Kraemer MJ, Widlitz MD, D'Eletto TA, Freitag J: Safety and efficacy of azelastine nasal spray (Astelin NS) for seasonal allergic rhinitis: A 4-week comparative multicenter trial. *Annals of Allergy, Asthma & Immunology, February 1996, 76:181.*
16. Munk Z, LaForce C, Furst J, Simpson B, Feiss G, Smith J: Efficacy and safety of triamcinolone acetonide aqueous nasal spray in patients with seasonal allergic rhinitis. *Annals of Allergy, Asthma & Immunology, October 1996, 77:277-281.*
17. Allen DB, Bronsky EA, LaForce CF, Lawrence M, Nathan RA, Tinkleman DG, Vandewalker ML, Konig P, and the Fluticasone Propionate Asthma Study Group: Growth in asthmatic children treated with fluticasone propionate. *Journal of Pediatrics, March 1998, 1-6.*
18. LaForce C, Pearlman DS, Ruff M, Silvers WS, House KW, Brown A, Hamedani AG: Fluticasone propionate powder-administration via diskus inhaler once daily or twice daily to pediatric patients with moderate persistent asthma. *Presented at Annual Meeting of the American Academy of Allergy, Asthma and Immunology, February 1997.*
19. Casale TB, Bernstein IL, Busse W, LaForce CF, Tinkleman DG, Stoltz RR, Dockhorn RJ, Reimann J, Su JQ, Fick RB, Adelman DC: Use of an anti-IgE humanized monoclonal antibody in ragweed-induced allergic rhinitis. *J. Allergy Clin. Immunol. 100:1, February 1997, 100-21.*
20. Shapiro G, Bronsky EA, LaForce CF, Mendelson L, Pearlman D, Schwartz RH, Szeffler SJ:

Dose-related efficacy of budesonide administered via a dry powder inhaler in the treatment of children with moderate to severe persistent asthma. *The Journal of Pediatrics*, June 1998, Vol 132, Number 6: 976-982.

21. Sorkness CA, LaForce C, Storms W, Lincourt WR, Edwards L, Rogenes PR: The effects of the inhaled corticosteroids fluticasone propionate, triamcinolone acetonide, and flunisolide and oral prednisone on the hypothalamic-pituitary-asthma axis in adult patients with asthma. *Clinical Therapeutics*, Vol 21, Number 2, February 1999.
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23. LaForce C: Use of nasal steroids in managing allergic rhinitis. *Journal of Allergy and Clinical Immunology*, Vol 103: Number 3, Pt 2, S388-393, March 1999.
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Pulmicort Turbuhaler® Study Group (LaForce C, et al.): Budesonide delivered by Turbuhaler® is effective in a dose-dependent fashion when used in the treatment of adult patients with chronic asthma. *J Allergy Clin Immunol* April 1998; 101:457-63.

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34. Condemi J, Schulz R, Lim J and the TAA Study Group: Triamcinolone acetonide aqueous nasal spray versus loratadine in seasonal allergic rhinitis: efficacy and quality of life. *Ann Allergy Asthma Immunol, Vol 84:533-538, May 2000.*
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36. Nayak AS, Philip G, Lu S, Malice MP, Reiss TF, and Montelukast Fall Rhinitis Investigator Group: Efficacy and tolerability of Montelukast alone or in combination with loratadine in seasonal allergic rhinitis: a multicenter, randomized, double-blind, placebo-controlled trial performed in the fall. *Annals of Allergy, Asthma & Immunology, Vol 88, No. 6, June 2002.*
37. LaForce C, Corren J, Wheeler WJ, Berger WE and the Rhinitis Study Group: Efficacy of azelastine nasal spray in seasonal allergic rhinitis patients who remain symptomatic after treatment with fexofenadine. *Annals of Allergy, Asthma & Immunology, 2004 Aug; 93(2): p 154-9.*

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39. Weiler J, Nathan R, Rupp N, Kalberg C, Emmett A, Dorinsky P, with acknowledgments to LaForce C, et al for expertise and contribution: Effect of Fluticasone/Salmeterol administered via a single device on exercise-induced bronchospasm in patients with persistent asthma. *Ann Allergy Asthma Immunol. January 2005; Vol 94, p 65-72.*
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41. Malone R, LaForce C, Nimmagadda S, Schoaf L, House K, Ellsworth A, Dorinsky P: The safety of twice-daily treatment with Fluticasone propionate and Salmeterol in pediatric patients with persistent asthma. *Annals of Allergy, Asthma & Immunology, Vol 95, July 2005, p 66-71.*
42. Pearlman D, Berger W, Kerwin E, LaForce C, Kundu S, Banerji D: Once-daily ciclesonide improves lung function and is well tolerated by patients with mild-to-moderate persistent asthma. *J Allergy Clin Immunol, December 2005, pp 1206-1212.*
43. LaForce C, Prenner B, Andriano K, Lavecchia C, Yegen U: Efficacy and safety of Formoterol delivered via a new multidose dry powder inhaler (Certihaler™) in adolescents and adults with persistent asthma. *Journal of Asthma, 42: 101-106, 2005.*
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46. Nathan R, Finn A, LaForce C, Ratner P, Chapman D, de Guia E, Hewlett D, Kramer B: Comparison of cetirizine-pseudoephedrine and placebo in patients with seasonal allergic rhinitis and concomitant mild-to-moderate asthma: randomized, double-blind study. *Annals of Allergy, Asthma & Immunology, Vol 97, September 2006, p 389-396.*
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48. LaForce C, Man C, Henderson F, McElhaney J, Hampel F, Bettis R, Kudule L, Harris J, Yates P, Tisdale M, Webster A: Efficacy and safety of inhaled Zanamivir in the prevention of influenza in community-dwelling, high-risk adult and adolescent subjects: A 28-day, multicenter,

randomized, double-blind, placebo-controlled trial. *Clinical Therapeutics, Volume 29, Number 8, p 1-12, August 2007.*

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51. LaForce C, Alexander M, Deckelmann R, Fabbri L, Aisanov Z, Cameron R, Owen R, Higgins M: Indacaterol provides sustained 24 h bronchodilation on once-daily dosing in asthma: a 7-day dose-ranging study. *Allergy 2008, 63, p 103-111.*
52. Berger WE, Nayak A, Lanier BQ, Kaiser HB, LaForce C, Darken P, Hall N, Wingertzahn M: Efficacy and safety of once-daily ciclesonide nasal spray in children with allergic rhinitis. *Pediatric Asthma, Allergy and Immunology, Vol 21: May 19, 2008, p 73-82.*
53. Pearlman DS, Greos L, LaForce C, Orevillo C, Owen R, and Higgons M: Bronchodilator efficacy of indacaterol, a novel once-daily β_2 -agonist, in patients with persistent asthma. *Annals of Allergy, Asthma & Immunology, 2008; 101:90-95.*
54. Zhou H, Tang Y, Alexis N, Almond M, Donohue J, LaForce C, Bromberg P, Peden D: Influence of the C-159T single nucleotide polymorphism of the CD14 gene promoter on lung function in smokers with chronic bronchitis. *Respiratory Medicine (2009) XX, p 1-8.*
55. Kerwin E, Oppenheimer J, LaForce C, Parasuraman B, Miller C, O'Dowd L, and Goldman M: Efficacy and tolerability of once-daily budesonide/formoterol pressurized metered-dose inhaler in adults and adolescents with asthma previously stable with twice-daily budesonide/formoterol dosing. *Annals of Allergy, Asthma, & Immunology 2009; 103: 62-72.*
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60. LaForce C, Aumann J, ParrenoL, Iqbal A, Young D, Owen R, Higgins M, Kramer B,: Sustained 24-hour efficacy of once daily indacaterol (300 µg) in patients with chronic obstructive pulmonary disease: A randomized, crossover study. *Pulmonary Pharmacology & Therapeutics* 24 (2011) 162-168.
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62. Weinstein C, Staudinger H, Scott I, Amar N, LaForce C: Dose counter performance of the Mometasone Furoate/formoterol inhaler in subjects with asthma or chronic obstructive pulmonary disease. Submitted to the *Respiratory Medicine*, September 27, 2010.
63. Vogelmeier C, Magnussen H, LaForce C, Owen R, and Kramer B: Profiling the bronchodilator effects of the novel ultra-LABA indacaterol against established treatments in COPD. *Pulmonary Pharmacology & Therapeutics* July 21, 2010.
64. Li J, Qaqundah P, Weinstein S, LaForce C, Ellsworth A, Ortega H, and Ferro T: Fluticasone propionate/salmeterol combination in children with asthma: Key cardiac and overall safety results. *Clinical Research and Regulatory Affairs*, 2010; 27(3): p 87- 95.
65. Parker J, Oh C, LaForce C, Miller D, Pearlman D, Le C, Robbie G, White W, White B, and Molfino N: Safety profile and clinical activity of multiple subcutaneous doses of MEDI-528, a humanized anti-interleukin-9 monoclonal antibody, in two randomized phase 2a studies in subjects with asthma. Submitted to *BMC Pulmonary Medicine*, September 2010.
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67. LaForce C, Carr W, Tilles S, Chipps B, Storms W, Meltzer E, and Edwards M: Evaluation of olopatadine hydrochloride nasal spray, 0.6%, used in combination with an intranasal corticosteroid in seasonal allergic rhinitis. *Allergy Asthma Pro* 31:132-140, 2010.

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