

BIOGRAPHICAL INFORMATION

PERSONAL

NAME: Dennis Michael Williams

ADDRESS: Residence: 209 Lake Manor Road
Chapel Hill, North Carolina 27516

Office: School of Pharmacy
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The University of North Carolina
Chapel Hill, North Carolina 27599-7360

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DATE OF BIRTH: November 25, 1953

PLACE OF BIRTH: Louisville, Kentucky

FAMILY: Wife: Michelle E. Lener
Daughters: Samantha Bethany Lener Williams (10/31/90)
Alexis Katrina Lener Williams (6/8/92)

EDUCATION

August 1974- University of Kentucky College of Pharmacy
May 1977 B.S., Pharmacy

August 1980- University of Kentucky College of Pharmacy
December 1981 Pharm.D.

PROFESSIONAL LICENSURE & CERTIFICATION

July 1977 Kentucky, Certificate #7863

March 1983 North Carolina, Certificate #8312

August 1991 Board Certified Pharmacotherapy Specialist #291138
(BCPS) 1992-97, Recertified in 1998 and 2006

September 2002 Certified Asthma Educator (AE-C) NAECB Board

PROFESSIONAL POSITIONS/APPOINTMENTS

September 2008- Present Vice-Chair, Professional Education and Practice
Division of Pharmacotherapy and Experimental Therapeutics

November 2000- Present Associate Professor
Division of Pharmacotherapy and Experimental Therapeutics, School of Pharmacy
University of North Carolina

October 1993 – October 2000 Assistant Professor
School of Pharmacy

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University of North Carolina

March 1990 -November 1995	Vice Chairman for Professional Education Division of Pharmacy Practice School of Pharmacy University of North Carolina
December 1985 - Present	Clinical Specialist, Pulmonary Medicine UNC Hospitals
August 1991 - Sept. 1993	Clinical Associate Professor School of Pharmacy University of North Carolina
August 1983 - July 1991	Clinical Assistant Professor School of Pharmacy University of North Carolina
August 1983 - Nov. 1985	Director of Pharmacy (9/84 - 11/85) Project Pharmacist (3/84 - 8/84) Clinic Pharmacist (8/83 - 3/84) Orange-Chatham Comprehensive Health Services, Inc. 400 Roberson Street Carrboro, North Carolina 27510
August 1982 - July 1983	Associate Director, Pharmacy Activities Health Education Foundation of Eastern North Carolina, Inc. Tarboro, North Carolina 27886 Clinical Instructor School of Pharmacy The University of North Carolina Chapel Hill, North Carolina 27599
May 1980 - July 1982	Staff Pharmacist University of Kentucky Medical Center Lexington, Kentucky 40506
June 1978 - May 1980	Clinical Pharmacist Eastern Kentucky Health Services Center, Inc. Hindman, Kentucky 41822
June 1977 - June 1978	Instructor Division of Community Pharmacy and Pharmacy Administration University of Kentucky College of Pharmacy Lexington, Kentucky 40506

PUBLICATIONS

Refereed Articles

Ayala GX, Gillette C, Williams D, Davis S, Yeatts KB, Carpenter DM, Sleath B. A prospective examination of asthma symptom monitoring: provider, caregiver and pediatric patient influences on peak flow meter use. *J Asthma*. 2013 Sep 19. [Epub ahead of print] PubMed PMID: 24020680.

Carpenter DM, Stover A, Slota C, Ayala GX, Yeatts K, Tudor G, Davis S, Williams D, Sleath B. An evaluation of physicians' engagement of children with asthma in treatment-related discussions. *J Child Health Care*. 2013 Jun 30. [Epub ahead of print] PubMed PMID: 23818146.

Carpenter DM, Ayala GX, Williams DM, Yeatts KB, Davis S, Sleath B. The relationship between patient-provider communication and quality of life for children with asthma and their caregivers. *J Asthma*. 2013 Sep;50(7):791-8. doi:10.3109/02770903.2013.808347. Epub 2013 Jul 4. PubMed PMID: 23730868.

Sleath B, Carpenter DM, Beard A, Gillette C, Williams D, Tudor G, Ayala GX. Child and caregiver reported problems in using asthma medications and question-asking during paediatric asthma visits. *Int J Pharm Pract*. 2013 May 29. doi: 10.1111/ijpp.12043. [Epub ahead of print] PubMed PMID: 23718931.

Sleath B, Carpenter DM, Ayala GX, Williams D, Davis S, Tudor G, Yeatts K, Gillette C. Communication during pediatric asthma visits and child asthma medication device technique 1 month later. *J Asthma*. 2012 Nov;49(9):918-25. doi: 10.3109/02770903.2012.719250. Epub 2012 Sep 13. PubMed PMID: 22974226.

Sleath B, Carpenter DM, Slota C, Williams D, Tudor G, Yeatts K, Davis S, Ayala GX. Communication during pediatric asthma visits and self-reported asthma medication adherence. *Pediatrics*. 2012 Oct;130(4):627-33. doi: 10.1542/peds.2012-0913. Epub 2012 Sep 3. PubMed PMID: 22945409; PubMed Central PMCID: PMC3457624.

Sleath BL, Carpenter DM, Sayner R, Ayala GX, Williams D, Davis S, Tudor G, Yeatts K. Child and caregiver involvement and shared decision-making during asthma pediatric visits. *J Asthma*. 2011 Dec;48(10):1022-31. doi: 10.3109/02770903.2011.626482. Epub 2011 Oct 25. PubMed PMID: 22022958; PubMed Central PMCID: PMC3263821.

Sleath B, Carpenter DM, Ayala GX, Williams D, Davis S, Tudor G, Yeatts K, Gillette C. Provider Discussion, Education, and Question-Asking about Control Medications during Pediatric Asthma Visits. *Int J Pediatr*. 2011;2011:212160. doi:10.1155/2011/212160. Epub 2011 Aug 10. PubMed PMID: 21860627; PubMed Central PMCID: PMC3155790.

Gillette C, Loughlin CE, Sleath BL, Williams DM, Davis SD. Quality of pulmonary function testing in 3 large primary care pediatric clinics in rural North Carolina. *N C Med J*. 2011 Mar-Apr;72(2):105-10. PubMed PMID: 21721494.

Washington D, Yeatts K, Sleath B, Ayala GX, Gillette C, Williams D, Davis S, Tudor G. Communication and education about triggers and environmental control strategies during pediatric asthma visits. *Patient Educ Couns*. 2012 Jan;86(1):63-9. doi: 10.1016/j.pec.2011.04.015. Epub 2011 May 19. PubMed PMID:21600721; PubMed Central PMCID: PMC3168678.

Sleath B, Ayala GX, Gillette C, Williams D, Davis S, Tudor G, Yeatts K, Washington D. Provider demonstration and assessment of child device technique during pediatric asthma visits. *Pediatrics*. 2011 Apr;127(4):642-8. doi: 10.1542/peds.2010-1206. Epub 2011 Mar 28. PubMed PMID: 21444594; PubMed Central PMCID: PMC3065074.

Cataletto M, Abramson S, Meyerson K, Dennis R, Arney TD, Bollmeier S, Hargrove JK, Harver A, Williams D, Wissing D. The Certified Asthma Educator (AE-C): Opting for a Standard of Excellence in Asthma Care. *Journal of Asthma & Allergy Educators*, 2150129711432631, first published on January 20, 2012

Cataletto M, Abramson S, Meyerson K, Dennis R, Arney TD, Bollmeier S, Hargrove JK, Harver A, Wissing D, Williams D. The Certified Asthma Educator: The United States Experience. *Pediatric Allergy Immunology and Pulmonology* 2011; 24(3): 159-63.

Sleath B, Carpenter DM, [Ayala GX](#), [Williams D](#), [Davis S](#), [Tudor G](#), [Yeatts K](#), [Gillette C](#). Provider Discussion, Education, and Question-Asking about Control Medications during Pediatric Asthma Visits. *Int J Pediatr*. 2011;2011:212160. PMID: 21860627

[Gillette C](#), [Loughlin CE](#), [Sleath BL](#), [Williams DM](#), [Davis SD](#). Quality of pulmonary function testing in 3 large primary care pediatric clinics in rural North Carolina. *North Carolina Medical Journal*. 2011;72(2):105-10. PMID: 21721494

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Sleath B, Ayala GX, Washington D, Davis S, Williams D, Tudor G, Yeatts K, Gillette C. Caregiver rating of provider participatory decision-making style and caregiver and child satisfaction with pediatric asthma visits. *Patient Educ Couns*. 2011 Nov;85(2):286-9. doi: 10.1016/j.pec.2010.09.016. Epub 2010 Oct 23. PubMed PMID: 20971603; PubMed Central PMCID: PMC3070191.

Sleath B, Ayala GX, Davis S, Williams D, Tudor G, Yeatts K, Washington D, Gillette C. Child- and caregiver-reported problems and concerns in using asthma medications. *J Asthma*. 2010 Aug;47(6):633-8. doi: 0.3109/02770901003692785. PubMed PMID: 20632916.

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Ueno M, Maehara K, Yoshizumi A, Ikeuchi T, Mashima K, Yamamoto T, Williams DM, Futagami K. Smoking cessation intervention program for inpatients conducted by pharmacists. *Jpn J Pharm Health Care Sci* 2008; 34(9): 882-90.

Brock TP, Williams DM. Readability of brochure related to phaseout of chlorofluorocarbon propellants. *Am J Health-System Pharmacy* 2006 (In Press)

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Gray SL, Nance AC, Williams DM, Pulliam CC. Assessment of Interrater and Intrarater Reliability in the Evaluation of Metered Dose Inhaler Technique. *Chest* 1994;105:710-714.

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Nonreferred Articles

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Ciminelli AM, Dupuis R, Williams DM, Hollar K, Fair JH, Johnson M, Gerber D. Patient education role of a pharmacist on a transplant service. Am J Health-Syst Pharm 2000;57(15):767-8.

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Sutton LB, Williams DM. Management of COPD. NARD Journal 1995; 7: 53-7.

Williams DM. The One-Minute Counselor: A Pharmacist's Guide to Sexually Transmitted Diseases. Am Pharm 1995;NS35(8):

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Williams DM. Basic Bibliographies: Chronic Obstructive Airways Disease. Hosp Pharm 1994; 29(5): 515-8.

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Dennis Michael Williams
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Williams DM. Beta-agonist therapy: MDI or nebulizer. Am Pharm 1991;NS31(9):644-646.

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Letters

Brock TP, Williams DM. Community Pharmacists as medication educators. J Allergy Clin Immunol 2002;110: 201.

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Williams DM, Figg WD, Pleasants RA. Ranitidine does not inhibit theophylline metabolism. (Letter) DICP, The Annals of Pharmacotherapy 1991;24:1140.

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Williams DM. Loperamide in children. (Letter) American Pharmacy 1991;NS31(9):614.

Williams DM. Pneumococcal Vaccine (Letter). Hosp Pharm 1991;26:270-71.

Williams DM. Pharmacotherapeutics Texts (Letter). Am J Pharm Ed 1990;54:483.

Pleasants RA, Williams DM. Simple Conversion from Intravenous Aminophylline to Twice Daily Oral Theophylline (letter). Chest 1989;96(6):1440.

Williams DM, Pleasants RA. Comment: Metered-Dose Inhalers (letter). DICP 1989;23:815-6.

Williams DM. Prednisone versus Prednisolone, a Clarification (letter). The Kentucky Pharmacist 1982; 45(12):391.

Book Chapters/Case Workbooks/NIH Documents

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Williams DM. Sexually Transmitted Infections. In: Infectious Diseases. Ambulatory Care Self Assessment Program, Module 2. 2013. American College of Clinical Pharmacy 2013.

Williams DM (editor). Respiratory Conditions and Preventative Medicine. Ambulatory Care Self Assessment Program. Module 1, 2013. American College of Clinical Pharmacy 2013.

Williams DM, Bourdet S. COPD. Pharmacotherapy, 8th Edition 2011.

Brock TP, Williams DM. Allergic Rhinitis. Applied Therapeutics, 9th Edition, 2008.

Williams DM, Bourdet S. COPD. Pharmacotherapy 7th Edition 2008.

Brock TP, Williams DM. Allergic Rhinitis. Applied Therapeutics, 9th Edition, 2008. Washiyama A, Yamamoto T, Kinoshita S, Haji K, Wakita S, Inokuchi H, Kawahara Y, Ogata K, Hatano S, Williams DM, Futagami K. Establishment

of a resident system for pharmacists at Fukuoka University Hospital and its assessment. *Jpn J Pharm Health Care Sci* 2008; 34(9): 853-9.

Williams DM, Self TH. Asthma. In: *Handbook of Nonprescription Drugs*, 14th Edition. Berardi RR et.al, Editors. American Pharmacists Association, Washington, DC. 2004.

Williams DM. Chronic Asthma. In: *Pharmacotherapy Casebook*, 6th edition. Swinghammer TL, editor. McGraw-Hill, Inc. New York. 2004.

McDonald A, Williams DM. Sexually Transmitted Diseases. In: *Pharmacotherapy Casebook*, 6th edition. Swinghammer TL, editor. McGraw-Hill, Inc. New York. 2004.

Brock TP, Williams DM. Pulmonary Tuberculosis. In: *Pharmacotherapy Casebook*, 6th edition. Swinghammer TL, editor. McGraw-Hill, Inc. New York. 2004.

Williams DM. Chronic Obstructive Pulmonary Disease. In: *Applied Therapeutics: The Clinical Use of Drugs*, 8th edition. Lippincott Williams & Wilkins. 2004.

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McDonald AK, Williams DM. Case Study: Syphilis. In: *Pharmacotherapy Casebook: A patient-focused approach*. 2nd Edition. Swinghammer TL, ed. McGraw-Hill. 2001.

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Dennis Michael Williams
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Other Articles

Williams DM. Therapeutic Management of Asthma and COPD. Primary Care 1997;1(1): 45-7.

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Tuberculosis Skin Testing and Decision-Making. NCSHP Newsletter 1991 (Aug);14(4):4.

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Williams DM. The Entry-Level Pharm.D. Degree: Impact on the B.S. Practitioner. APPM Update 1990;25(3):1-2.

Other Publications

Chair, Editorial Advisory Board. APhA Report. Asthma; The Role of the Pharmacist....

Editorial Advisory Board. APhA New Product Bulletin. Aldara. May 1997

Other Audio Video Educational Materials

The Role of the Pharmacist in Improving Asthma Care: Interactive CD-Rom. American Pharmaceutical Association. 1999

The Role of the Pharmacist in Asthma Care: Videotape CE. Annenberg Center, Palm Desert CA, 1994.

Medical Outlook: Chronic Obstructive Pulmonary Diseases: Audiotape CE. American Society of Consultant Pharmacists. 1994.

Asthma Update: Audiotape CE. Clinical Communications. 1996

ABSTRACTS/POSTER PRESENTATIONS

Corbett A and Williams D. Introduction of an integrative medicine elective at the UNC Eshelman School of Pharmacy. American Association of Colleges of Pharmacy Annual Meeting. July 2011 [Poster presentation].

Patel-House S, Williams DM, Barrow J. Impact of initiation of antibiotic therapy on INR results in patients treated with warfarin. Acute Care Practice Forum, NCAP. Winston-Salem, NC. March 26, 2011

Webb A, Williams DM, Barrow J. Efficiency of vancomycin dosing strategies in adult patients with cystic fibrosis. North Carolina Pharmacists Association Meeting. Concord, NC. March 2010.

Abramson S, Arney TD, Bell C, et al. National Asthma Educator Certification: Purpose, progress and promise. Annual Meeting. American College of Asthma, Allergy, and Immunology. New Orleans, LA. February 27, 2010.

Abramson S, Arney TD, Bell C, et al. National Asthma Educator Certification: Purpose, progress and promise. American Academy of Nurse Practitioners National Conference. Phoenix, Arizona. June 24, 2010.

Mehrizi A, Barrow J, Williams DM. Characterization of Tobramycin Pharmacokinetics in Cystic Fibrosis Patients. Poster Presentation. NCAP Acute Care Practice Forum Spring Meeting, Concord, NC. March 2009

Williams DM. Rapid and enduring relief of nasal congestion: Assessment of data on mometasone fuorate nasal spray regarding onset of action and duration of efficacy. Poster Presentation, Midyear Clinical Meeting, ASHP. Orlando Florida December 2008

Rivera R, Campbell-Bright S, Bourdet SV, Williams, DM. A concurrent analysis of antimicrobial use in medical intensive care patients developing pulmonary infiltrates greater than 48 hours after hospitalization. ASHP Midyear Clinical Meeting. New Orleans, LA. December 2003.

Mando J, Campbell-Bright S, Bourdet SV, Williams, DM. Evaluation of a insulin infusion protocol for patients in medical intensive care. ASHP Midyear Clinical Meeting. Las Vegas, NV. December 2002.

Smyth HDC, Meija-Millan, EA, Williams DM, Zeman KL, Bennett WD, Hickey AJ. The effect of formulation variables on lung deposition: Labeling of pMDI solutions. AAPS Annual Meeting, Toronto, Canada, November 2002.

Bourdet SV, Williams DM. Comparison of simultaneous serum concentration sampling of aminoglycosides for central catheters and peripheral venous sites. ASHP Midyear Clinical Meeting 2001, New Orleans, LA. December 2001.

Williams DM, Wessel A, Williams M, Brock TB. Albuterol dose response curves when administered through aerochamber compared to easivent. ACCP Fall Meeting 2001. Tampa, Florida. October 2001.

Brock TB, Wessell A, Williams DM. Float Characteristics of Commercially Available Metered Dose Inhaler products. American Pharmaceutical Association Annual Meeting March 2001; Los Angeles, CA. (*APhA-APPM Presentation Merit Award*)

Belanger JA, Williams DM. Evaluation of vancomycin serum concentration sampling strategies in a tertiary care center. ASHP Midyear Clinical Meeting 1999.

Deaton AT, Dunbar CA, Williams DM, Hickey AJ. Production of spray dried semisolid particles containing budesonide. PharmSci. American Association of Pharmaceutical Scientists 1998; 1(1) :s214 (2269)

Deaton AT, Dunbar C, Williams DM, Hickey A. Generation of novel gel aerosols by commercially available nebulizers. Undergraduate Research Seminar, Morgantown, West Virginia. October 1997.

Freeman-Newsom JK, Brock TP and Williams DM. "Evaluation of Smoking Cessation Activities by Community Pharmacists," presented at the 145th Annual Meeting of the American Pharmaceutical Association in Miami, FL. March 1998 (*APhA-APPM Presentation Merit Award*)

Williams DM. Considerations in the Medical Management of the Adult Cystic Fibrosis Patient. Int Pharm Abst 1998; 35(9): 3505349.

Williams DM. Pharmacologic Treatment of Chronic Asthma. Int Pharm Abst 1997; 34:PI-3.

Hollar K, Dupuis RE, Williams DM, Dennis BH, Joy M. Corticosteroid-Induced Osteoporosis: Assessment of Risk and Prescribed Therapy in Organ Transplant Recipients and Patients with Pulmonary Disease. Int Pharm Abst 1997; 34.

Freeman-Newsom JK, Brock TP, Williams DM. Evaluation of Smoking Cessation Activities by Community Pharmacists. APhA Annual Meeting. Miami Beach, Florida. March 22, 1998.

Kirk JK, Dupuis RE, Miles MV, Miranda JR, Williams DM. Relationship between saliva and serum theophylline concentrations: A comparison of two assays and two saliva stimulation methods. ACCP Abstract.

Kozlowski MA, Williams DM. Foscarnet-Induced Genital Ulcerations. ASHP 28th Midyear Clinical Meeting, Atlanta, GA. December 9, 1993.

Nagle BL, Williams DM, Pulliam CC, Donahue JF. Effect of metered-dose inhaler technique on quality of life in patients with obstructive airways disease. American College of Clinical Pharmacy, Winter Meeting, Ft. Lauderdale, FL, February 16, 1993.

Gray SL, Williams DM, Pulliam CC, Donahue JF, Bishop AL, Sirgo MA. Predictors of correct metered-dose inhaler technique in older individuals. First National Conference on Asthma Management, Arlington, VA, October 12, 1992.

Gray SL, Nance AC, Williams DM, Pulliam CC. Assessment of inter and intra-rater reliability of metered-dose inhaler technique. First National Conference on Asthma Management, Arlington, VA, October 12, 1992.

Kirk JK, Dupuis RE, Miles MV, Miranda JM, Williams DM. Comparison of a dry reagent method with fluorescence polarization immunoassay for the determination of salivary theophylline concentrations. Pharmacother 1992;12(3):248.

Gray SL, Williams DM, Pulliam CC, et al. "Predictors of Correct Metered Dose Inhaler Technique in Older Individuals," American Thoracic Society Annual Meeting, Miami, FL, May 19, 1992.

Gray SL, Williams DM, Pulliam CC, et al. Predictors of correct metered-dose inhaler technique in older individuals. Am Rev Resp Dis 1992;145(4):A500

Gray SL, Williams DM, Bishop A, Pulliam C. "Impact of Education Program on Older Patient's Use of Metered Dose Inhalers." American Society of Consultant Pharmacists Annual Meeting, Montreal, Canada, October 1991.

Pleasant RA, Vaughan LM, Williams DM. Compatibility of ceftazidime and aminophylline admixtures used for constant infusion. American College of Clinical Pharmacy Annual Meeting, Minneapolis, MN, August 1991 and Pharmacother 1991;11(3):276.

Pleasant RA, Williams DM, et al. Influence of Intravenous Infusion Methods on Tobramycin Serum Concentration and Pharmacokinetics in Adult Cystic Fibrosis Patients. Pediatric Pulmonary 1987;3(Suppl 1):128 and 1987 Cystic Fibrosis Conference, Toronto, Canada October 1987 and North Carolina Society of Hospital Pharmacists, Winter Meeting, February 1988 and American College of Clinical Pharmacy, Kansas City, Missouri, August 1989. Pharmacotherapy 1989;9(3):186.

Pleasant RA, Williams DM, Waltner WE, Wager G, Knowles MR. Comparative Disposition of Tobramycin in Adult Cystic Fibrosis Patients and Normal Adults. North Carolina Society of Hospital Pharmacists, Winter Meeting, February 1989 and Clin Pharmacol Ther 1989;45(2):150(PIII-5) and American College of Clinical Pharmacy, San Francisco, CA, August 8, 1990. Pharmacotherapy 1990;10(3):234.

Williams DM, Pleasant RA, Fus A, Blum RA, Waltner WE, Knowles MR. Influence of Peak Sampling Time on Prediction of Aminoglycoside Serum Concentrations. American Society of Hospital Pharmacists, 23rd Annual Midyear Clinical Meeting, Dallas, Texas. December 7, 1988 and Inter Pharm Abst 1989;26:543 and North Carolina Society of Hospital Pharmacists, Winter Meeting, February 1990.

Williams DM, Pleasant RA, Gadsden RH, Porter RS. Evaluation of Cross-Reactivity of Spironolactone Metabolites with Four Digoxin Immunoassays. American Society of Hospital Pharmacists, 22nd Annual Midyear Clinical Meeting, Atlanta, Georgia. December 1987.

Daugherty LM, Aycock DG, Williams DM, et al. Single Dose Treatment of Urinary Tract Infections with Cotrimoxazole in an Ambulatory Care Patient Setting. American Society of Hospital Pharmacists, 21st Annual Midyear Clinical Meeting, Las Vegas, Nevada, December 1986 and North Carolina Society of Hospital Pharmacists, Winter Meeting, February 1987.

Williams DM. "Ask Your Pharmacist" Phone-In Event-The Second Year's Experience. American Society of Hospital Pharmacists, 21st Annual Midyear Clinical Meeting, Las Vegas, Nevada, December 1986 and North Carolina Society of Hospital Pharmacists, Winter Meeting, February 1987.

Dupuis R, Pleasants R, Williams D, et al. Use of a Bayesian Program to Predict Serum Theophylline Concentrations in Adult ICU Patients. American Society of Hospital Pharmacists, 21st Annual Midyear Clinical Meeting, Las Vegas, Nevada. December 1986.

Pleasants RA, Powell JR, Williams DM, et. al. Effect of Four Intravenous Infusion Methods on Tobramycin Serum Concentration Data in Normal Volunteers. American Society of Hospital Pharmacists, 21st Annual Midyear Clinical Meeting, Las Vegas, Nevada. December 1986.

Williams DM, Rice TL. Interest in a Pharmacokinetic Consultation Service in an Ambulatory Care Practice. American Society of Hospital Pharmacists, 20th Annual Midyear Clinical Meeting. New Orleans, Louisiana. December 1985.

Lindley CM, Williams DM, Aycock DG, Daugherty LM, Caiola SM, Godfrey WS. The Effect of Increased Accessibility to Patient-Specific Information on Pharmacists' Interventions. American Society of Hospital Pharmacists, 20th Annual Midyear Clinical Meeting. New Orleans, Louisiana. December 1985.

Mackowiak JI, Lindley CM, Williams DM. Evaluating Clinical Education in Ambulatory Care: Effectiveness of Oral Exams. Proceedings of the 86th Annual American Association of Colleges of Pharmacy. San Francisco, California. July 1985.

Sawyer WT, Poe TE, Canaday BR, Weiner JS, Williams DM, Webb CE. Prediction of Warfarin Maintenance Dose from Initial Response: Comparison of Six Methods. American Society of Hospital Pharmacists, 19th Annual Midyear Clinical Meeting. Dallas, Texas. December 1984.

Williams DM, Lindley CM, Daugherty LM, Godfrey WS. Evaluation of an Influenza Immunization Program in an Ambulatory Health Care Institution. American Society of Hospital Pharmacists, 19th Annual Midyear Clinical Meeting. Dallas, Texas. December 1984.

Lindley CM, Williams DM, Daugherty LM, Garcia LT, Godfrey WS. Substitution of Transderm^R Nitro for Nitrol^R Ointment: A Therapeutic Equivalence Evaluation and Cost-Benefit Analysis. American Society of Hospital Pharmacists, 19th Annual Midyear Clinical Meeting. Dallas, Texas. December 1984.

Lindley C, Almond S, Griffin N, Huff P, Williams D. Use of Atenolol in an Ambulatory Care Population: Cost Versus Benefit. American Society of Hospital Pharmacists, 18th Annual Clinical Midyear Meeting. Atlanta, Georgia. December 1983.

GRANTS & CONTRACTS

Co-Investigator: Pharmacokinetics of Amlodipine in Healthy Volunteers. Pfizer, Inc. \$24,680 (PI: Luigi Cubeddu, M.D., Ph.D.) (Completed 7/86).

Co-Investigator: Effect of Food on Doxazosin Bioavailability in Normal Volunteers. Pfizer, Inc. \$35,700 (PI: Luigi Cubeddu, M.D., Ph.D.) (Completed 1/87).

Co-Investigator: Evaluation of Pharmacokinetics and Pharmacodynamics of Single Doses of Anipamil Hydrochloride in Patients with Mild to Moderate Hypertension. Knoll Pharmaceuticals \$56,000 (PI: Luigi Cubeddu, M.D., Ph.D.) (Completed 8/87).

Co-Investigator: Effect of Four Intravenous Infusion Methods on Tobramycin Serum Concentration Data in Normal Volunteers. Becton Dickinson, Abbott, Lilly, Various \$10,000. (P.I.: Roy Pleasants, Pharm.D.) (Completed 12/86).

Co-Investigator: Effect of IV Infusion Method on Tobramycin Serum Concentration Data in Adult Cystic Fibrosis Patients. Becton-Dickinson \$5,000 (P.I.: Roy Pleasants, Pharm.D.) (Completed 7/87).

Co-Investigator: Use of a Bayesian Program to Predict Serum Theophylline Concentrations. Abbott Laboratories, Therapeutic Software Division \$2,500 (P.I.: Bob Dupuis, Pharm.D.)

Co-Principal Investigator: Evaluation of Bioavailability of Spironolactone Suspension in Normal Male Volunteers. Carolina Medical Products \$25,280 (Co-P.I.: Roy Pleasants, Pharm.D.) (Completed 6/87).

Co-Investigator: The Effect of Increased Accessibility to Patient Specific Information on Pharmacists' Intervention Activities. Pharmacy Foundation of North Carolina \$1,500. (P.I.: Steve Caiola, M.S.) (Completed 12/85).

Co-Investigator: Effect of Step-Down Diuretic Therapy on Blood Pressure Control & Biochemical Parameters in Patients with Essential Hypertension. Unfunded (With: Celeste Lindley, Pharm.D.) (Completed 3/87).

Co-Principal Investigator: An Evaluation of Bioavailability of Rifampin Suspension and Capsules in Normal Male Volunteers. Carolina Medical Products \$26,450. (Co-P.I.: Roy Pleasants, Pharm.D.) (Completed 2/88).

Co-Investigator: Evaluation of a Dual-Lumen Catheter for Tobramycin Serum Concentration Determination. Arrow International, Inc. \$7,695. (P.I.: Roy Pleasants, Pharm.D.) (Completed 2/88)

Principal Investigator: Drug Abuse Education Project, Academy of Students of Pharmacy. Submitted to: Greater Triangle Community Foundation \$12,000.00 (unfunded)

Co-Principal Investigator: Modern Approach to the Treatment of Hypertension. Pfizer Laboratories Division. \$15,000. (Co-P.I.: Luigi Cubeddu) (Completed 1/90).

Principal Investigator: Consultant for Pharmacy Operations: Contractual Services. Orange Country Health Department. \$5,000. (Annual; 1987-1995).

Principal Investigator: Evaluation of the Efficacy of Pseudoephedrine in the Prevention of Symptoms of Middle Ear Barotrauma Associated With Air Travel. Burroughs Wellcome Co. \$14,000.00 (Completed 11/90).

Co-Principal Investigator: A Multicenter Comparison of the Safety and Efficacy of Lomefloxacin and Cefaclor in the Treatment of Acute Exacerbations of Chronic Bronchitis. G.D. Searle & Co. \$15,000 (Co-P.I.: James Donohue, M.D.) (Completed 06/90).

Principal Investigator: An Evaluation and Comparison of Isradipine versus Hydrochlorothiazide in the Regression of Left Ventricular Hypertrophy Secondary to Hypertension. Glaxo Inc. \$100,320.00 (Completed 7/92).

Co-Investigator: Compatibility and Stability of Admixtures of Intravenous Ceftazidime and Aminophylline. Glaxo Inc. \$17,748.00 (P.I.: Roy Pleasants, Pharm.D.)

Sub-Investigator: Mental Status and Hand Strength as Predictors of Correct Metered Dose Inhaler Technique. Glaxo Inc. \$18,612.00 (P.I.: Becky Nagle, Pharm.D., Fellow)

Principal Investigator: Evaluation of the Efficacy of Pseudoephedrine in the Prevention of Symptoms of Middle Ear Barotrauma Associated With Air Travel (II). Burroughs Wellcome Co. \$114,000.00

Impact of MDI Technique on Elderly Patients' Quality of Life (Principal Investigator: Becky Nagle, Pharm.D.) Glaxo Research Institute, \$50,000.

Co-Investigator. A Double-Blind, Placebo-Controlled Safety Trial of Nebulized Amiloride Hydrochloride in Pediatric Patients with Cystic Fibrosis.(AML-310:IND #. 18,382) (P.I. Robert Wood, M.D., Ph.D.) 1996 Glaxo, Inc. \$50,000.

Comparison of PEFR Monitoring versus Symptom Diaries for Elderly Patients with Asthma. Submitted to School of Pharmacy Seed Grant Committee 1994(unfunded)

Comprehensive Asthma Management Program in Elementary Schools. Submitted in response to RFP (NIH Contract) January 1995 : \$7,000,000 over 5 years. (unfunded) P.I. Fred Henderson, M.D.

Multicenter Approach Impact of Provider-Patient Drug Education Intervention. Submitted to AHCPHR 1995 (April) (1 R01 HS 09081 01) \$6.4 million over 5 years(Unfunded) P.I. Joe Norwood, Ph.D.

Principal Investigator: Integrating Student Society Chapters into the Operational Infrastructure of an Established State Society. American Society of Health-System Pharmacists Affiliated State Chapter Projects Grants Program. 1996. \$500.00

Principal Investigator: Generation of Novel Gel Aerosols by Commercially Available Nebulizers. UNC School of Pharmacy Faculty Seed Grant. (11/1/96-10/31/97). \$1800.00

Principal Investigator: A Pharmacist-Managed Asthma Intervention Program. University Research Council Grant (5.97-4/99) \$1500.00.

Principal Investigator: Evaluation of Pharmacist Involvement in and Expectations from Smoking Cessation Interventions. UNC Junior Faculty Development Award. (1/1/97-12/31/97). \$5000.00

Co-Principal Investigator: A Randomized, Double-blind, Placebo-Controlled, Comparative Trial of Fluticasone Propionate 440mcg BID or 880 mcg BID Versus Placebo Administered via Metered-Dose Inhaler in Propellant 11/12 or GR106642X in Adolescent and Adult Oral Corticosteroid-Dependent Asthmatics. Protocol FLTA3022. Glaxo Wellcome Inc. (12/97-2/98) \$54,000.00.

Principal Investigator: Compliance-Efficacy Interactions, C-E Ratios, and Asthma. Astra Clinical Pharmacy Research Grant Award. \$10,000.00. (12/97- 6/99)

Principal Investigator: A Randomized, Three-Way, Comparative Trial of Albuterol Metered-Dose Inhaler (MDI), Albuterol MDI with an Aerochamber Valved Holding Chamber, and Albuterol MDI with an EasiVent Valved Holding Chamber. Dey Laboratories LP. \$16,560.

Principal Investigator: Aerosol Delivery of Corticosteroids as Asthma Therapy. National Heart, Lung, and Blood Institute Career Development Award Grant (NIH K08). \$604,897 (not funded).

Co-Principal Investigator: The influence of vapor pressure on performance of propellant driven metered dose inhalers. (Anthony Hickey, Co-PI). PhRMA Foundation Award for Undergraduate Research, \$7,500. Student: Elizabeth Mejia-Milan. (completed May 2003).

Principal Investigator. Factors influencing Adherence with Medications in Patients with COPD. Clinical Application Grant \$10,000 (completed December 2003).

Co-Investigator: Use of biologic response modifiers in rheumatoid arthritis: A study of the natural history of therapy (Sue Blalock, PI). Source: Arthritis Foundation, \$552,000 (July 2003; Not Funded).

Principal Investigator: Efficient Inhaler Performance for Asthma Therapy: Prediction of Lung Deposition From Metered Dose Inhalers Based on Formulation Variables. Source: GSK Clinical Applications Investigator Initiated Awards, \$24,000 (January 2004; Not Funded).

Principal Investigator: Predicting aerosol device performance to enhance therapeutic efficacy. ACCP Career Development Grant Award, \$50,000. (April 2004; Not Funded).

Co-Investigator: Enhancing Pneumococcal Vaccination Rates through Community Pharmacy Involvement. Centers for Disease Control. \$221,159 (P.I.: Stephanie Ferreri, Pharm.D.) (September 2005-September 2008). (Percent Effort 5%)
Percent Effort: 5%

Co-Investigator: Children and Asthma: Communication and outcomes. National Institutes of Health. \$1,425,034. (P.I. Betsy Sleath, Ph.D.) (2005-2009). (Percent Effort 10%)

Co-Investigator: The effect of risk and side effect communication on asthma adherence. AHRQ (PI: Chris Gillette, Ph.D. Candidate) (June 2011- April 2012)

PROFESSIONAL SERVICE ORGANIZATIONS

National Asthma Education and Prevention Program Coordinating Committee (NHLBI)
Member Representative 1992-Current

National Asthma Educator Certification Board
Board of Directors 2006-11
Chair and Executive Committee 2009-11
National Examination Committee Member 2006-Present

United States Pharmacopeia Convention
Delegate representing UNC School of Pharmacy (2011-Current)

Advisory Panel, Immunizations Mentor Program
American Society of Health System Pharmacists 2013

PROFESSIONAL ORGANIZATIONS

American Society of Health-System Pharmacists
Faculty Liaison for Students (1992- present) (formerly Information Network for Students (INS)
Membership Recruitment and Retention Advisory Committee (1996- 1998)
House of Delegates, 1995-2012
Council on Professional Affairs 1997, 1998
Vice-Chair 1998
Committee on Nominations 1999
Section of Clinical Specialists and Scientists
Nominations Committee (1996-97, 2003, 2004)
Continuing Education Committee, Section of Clinical Specialists (1997-98)
Chair 1998
Chair, Section of Clinical Specialists (1999-2001) (Chair-elect, Chair, Past Chair)
ASHP Research and Education Foundation Fundraising Committee (2006-8)

American Pharmacists Association
Professional Affairs Policy Committee - 1988-1989

Biographical Information
Dennis Michael Williams
Page 17

Member-at-Large, Section on Clinical/Pharmacotherapeutic Practice,
Academy of Pharmacy Practice & Management - 1990-91
APPM Standing Committee on Policy - 1991, 1994
APhA Policy Advisory Committee - 1991, 1994
Chairman, Section on Clinical/Pharmacotherapeutic Practice, APPM 1993-94
APPM Standing Committee on Education 1993
APhA Education Advisory Committee 1993
APPM Standing Committee on Policy 1994
APhA Policy Advisory Committee 1994
Joint Council of Allergists and Pharmacists 2002-Present

North Carolina Association of Pharmacists (Formerly, North Carolina Society of Hospital Pharmacists
Treasurer (2010-2014)
Presidential Officer (2007-9)
Board Member (2007-14)
Executive Director Search Committee (2013)
Member, Legal and Public Affairs Committee (2001-Present)
Editorial Board, Journal (2003-Present)
Presidential Officer (1995-97)
Board of Directors 1992-97, 1998-2000
Pharmacotherapy Special Interest Group
(Advisory Committee 1983, 1985-93) (Chairman, 1991)
Coordinator, Annual Poster Session 1987, 1988
Membership Committee 1983, 1984 (Chairman) 1988-90, 1994
Program Committee 1986 (Chairman), 1987 (Chairman) 1988-90
Special Committee on Pharmacy as a Clinical Profession 1988-89
Pharmacy Practice Committee 1989-92
Communications and Public Relations Committee 1989-90, 1994
Elections Committee Chairman (1990)

North Carolina Pharmaceutical Association
Chair, Committee on Resolutions 1997
Ex-Officio member of Board of Directors 1996
Professional and Public Relations Committee 1985-90
Public Health Committee 1988-89, 91-93
Editorial Advisory Board 1992

American Association of Colleges of Pharmacy
Task Force on Women in Academia 1994

American College of Clinical Pharmacy
Education Program Committee for 2013 (2011-Current)
Task Force on Reimbursement for Cognitive Services 1990
Grant and Fellowship Award Review Committee 2003

Triangle College of Clinical Pharmacy

Durham-Orange Pharmaceutical Association
Executive Committee 1985-86
President 1987-89

Kappa Psi Pharmaceutical Fraternity

Rho Chi Honor Society

Phi Lambda Sigma Pharmacy Leadership Society

Omicron Delta Kappa National Leadership Honorary

UNIVERSITY SERVICE

Aubrey Brook Foundation Scholarship Central Selection Committee (2011- Current)

Scholarship and Financial Aid Committee –General Campus (2009-2013)

SCHOOL OF PHARMACY SERVICE

Carolina Association of Pharmacy Students (CAPS) Co-Advisor 1996-Current

Faculty Advisor: Interfaith Council Homeless Shelter Clinic (2005- Present)

Curriculum Committee Member (2006-2012)

Chair 2010-2012

Rural Health Pharmacy Initiative 2011-Current

UNC-CSP Research/Service Project Director 2010-2013

UNC HOSPITALS

Pharmacy Operations Council Member 2010-2012

Student Resident Advisory Committee (SRAC) 2010-Current

Partnership in Patient Care Initiative

Steering Committee Member 2010-Current

Education Committee Co-Chair 2010-Current

CONSULTANTSHIPS

Editorial Board: Quality Pharmacy Indicator

Editorial Board: Allergies and Asthma Health: Official Magazine of Allergy and Asthma Network, Mothers of Asthmatics

Immunex Pharmacy Advisory Board 2000

Expert Testimony presented to U.S. Senate Committee on FDA Proposal for CFC-Phaseout

Dey Laboratories Pharmacy Advisory Committee 1998- Present

Advisory Committee for PEAK Study (AHCPR funded)1993-96

Health Sciences Consortium 1988 - Present

Orange County Health Department 1987-Present

Knott County Health Care Center 1978-1980

FACULTY ADVISOR

A. Undergraduate Honors Program: Research

1. Dana Kiser (1989 graduate): The role of the Pharmacist in a Multidisciplinary Diabetes Camp: a Demonstration Project.
2. Kevin Layne (1989 graduate): Performance of Various Compressor Nebulizer Systems in the Delivery of Beta Agonists.
3. Terri Howard (1993 graduate): Predictive Performance of Pharmacokinetic Software in Prediction of Theophylline Concentrations.
4. Shelley Adkins (1996 graduate): Impact of NIH Guidelines for asthma Management on therapy.
5. Ami Teague Deaton (1999 Pharm.D. Graduate): Generation of Spontaneously Occurring Gels from Nebulized Solutions
6. Andrea Wessell: Comparison of FEV1 Response to albuterol inhaled via metered dose inhaler through Aerochamber vs. Easivent

B. Undergraduate Grant Award

Academy of Students of Pharmacy: Merck Company Foundation Student Pharmacy Project Grant 1990: Puppets in the Prevention of Drug Abuse (\$2,000.00).

International Activities:

Faculty Host for 8 visitors (6 students; 2 faculty) from Hiroshima International University School of Pharmacy: experience to observe/learn about pharmacy education and practice (March 11-24)

Courses Taught/Coordinated

Pharmacy 75: Autonomic Nervous System, Pulmonary and Gastrointestinal Therapeutics

Coordinator for 3 hour course; Develop syllabi for pulmonary module; Present 10-12 lecture hours

Pharmacy 152: Infectious Diseases

Coordinator for 3 hour course; Integration of medicinal chemistry and pharmacotherapy concepts and applications; Present 8 –10 lecture hours

Pharmacy 82: Applied Pharmacokinetics

Theophylline Pharmacokinetics (2 hrs)

Clinical Clerkships

Precept 4 to 6 students annually on pulmonary medicine or infectious disease medicine clerkships at UNC Hospitals

Immunology

Immunizations and Vaccines: (4 hrs)

Pharmacy 85: Cardiology and Nephrology Therapeutics

Acid-Base Disorders (2 hours)

Pharmacy 63 & 73: Rheumatology and Endocrinology

Inflammation, Corticosteroids, Osteoarthritis, and Rheumatoid Arthritis (5 hours)

Pharmacy Practice 110: Ambulatory Care Pharmacy Practice

Lead discussion and student presentations on pulmonary topics (3 hours)

Pharmacy 169: Problems in Pharmacotherapy

Serve as faculty facilitator for small group discussions of complex cases (6 hours/week)

Nursing 229: Advanced Pharmacotherapy (Nurse Practitioners)
Asthma and COPD (3 hours)

OMSU 220: Pharmacotherapy for Dental Graduate Students
Asthma and COPD (2 hours)

Service to University

Clinical Working Group-Eshelman School of Pharmacy and UNC Healthcare (2008-9)
ESOP Curriculum Committee

Awards and Recognition

Selected as Speaker, White Coat Ceremony 2013 (Class of 2014)

Outstanding Faculty Award (overall) Class of 2012

Outstanding Faculty Award –Class of 2014

Selected as ‘Coater’ for White Coat Ceremony for UNC Students Classes of 2006-2009, 2012
Served as ‘Hooder’ at Graduation and Recognition Ceremony for UNC Students Class of 2006-9. 2012

Fellow, Academy of Pharmacy Practice and Management, APhA (FAPhA) 1999

APhA Academy of Pharmacy Practice and Management Presentation Merit Award for “Smoking Cessation Activities by Pharmacists”. March 22, 1998

APhA-APPM Distinguished Achievement Award in Clinical/Pharmacotherapeutic Practice, 1998.

Fellow, American College of Clinical Pharmacy (FCCP), 1994.

Fellow, American Society of Hospital Pharmacists (FASHP), 1994.

APhA-ASP Outstanding Chapter Advisor Award 1992

NCSHP Continuing Excellence Award 1988, 1989, 1990, 1991, 1992

Co-Recipient, Upjohn Research Award: NCSHP 1988

Who's Who in The South and Southwest, 1987, 21st Edition

Certificate of Appreciation, Barren-Green River AHES - 1978

McKesson Robbins Scholarship Award - 1977

Rho Chi Service Award - 1977

Omicron Delta Kappa National Leadership Honorary - 1977

Lilly Achievement Award - 1977

Who's Who in American Colleges and Universities - 1977

Jefferson County Academy of Pharmacy Award - 1976

Other Professional Activities

Joint Committee of American Pharmacists Association and American College of Asthma Allergy, Asthma, and Immunology 2002-Present.

Editorial Advisory Board. Quality Indicator, Pharmacy Resource. Premier Healthcare Resource, Inc. Parsippany, NJ. 2002-Current.

Editorial Advisory Board. Asthma and Allergies. Publication of Allergy and Asthma Network/Mothers of Asthmatics 2003-Current.

Editorial Advisory Board. Journal of Pharmacy Practice. Sage Publications 2001-Current.

Editorial Advisory Board, Carolina Pharmacy, Journal of the North Carolina Association of Pharmacists, 2003-Current.

Faculty Coordinator, Interfaith Council Homeless Shelter Medical Clinical (Pharmacy) 2002- Present

American College of Clinical Pharmacy Grant Selection Committee 2003.

Editorial Advisory Board. APhA Drug Info Line. American Pharmaceutical Association. 2001-2003.

Editorial Advisory Board. Quality Indicator, Pharmacy Resource. Premier Healthcare Resource, Inc. Parsippany, NJ. 2000-Present.

Editorial Advisory Board. Asthma and Allergies. Publication of Allergy and Asthma Network/Mothers of Asthmatics. 2000-Present.

Astra Zeneca Grant Award Review Committee 2000

National Asthma Education Program Coordinating Committee (APhA Representative) 1992-Present

American College of Clinical Pharmacy Research Foundation Review Panel (Pulmonary), 1996

Editorial Advisory Board, Journal of the American Pharmaceutical Association (formerly American Pharmacy), 1994-1999

Reviewer

American Journal of Managed Care

American Journal of Health-System Pharmacy

Clinical Pharmacy

Journal of the American Pharmaceutical Association

DICP: The Annals of Pharmacotherapy

Pharmacotherapy

Lippincott's Hospital Pharmacy

Posters: ASHP Midyear Clinical and Annual Meetings

USP-DI Monographs

USP Advisory Committee on Clinical Immunology, Allergy and Rheumatology 1990-95

Editor, Non-Prescription Drug Review Series, American Pharmacy (1990-1997)

ASCP Research and Education Foundation Peer Review Panel 1992

University of North Carolina Faculty Council Representative (96-99; reelected 99-01)

School of Pharmacy Representative to State Employee Wellness Committee 1989-90

UNC Health Sciences Library Advisory Committee 1987-1994

UNC Honors Program Committee 1987-90
Chairman 1988

UNC Faculty Fellows Program 1988-89

North Carolina Tripartite Committee 1989-93

Advisor, Student Branches NCPHA, APhA (North Carolina) 1986-93

Field Editor, ASHP Signal-Ambulatory Care 1986

Basic Cardiac Life Support Instructor, American Heart Association 1983-1987

Editor, OCCHS Clinical Newsletter 1984-1985

President, Pharm.D. Class of 1982, University of Kentucky

Student Advisory Committee, University of Kentucky College of Pharmacy 1976-1977, 1980-1981

Voluntary Faculty Member, University of Kentucky - 1978-1980

College of Pharmacy Dean's List - 1980

Member, KPhA Health and Welfare Committee - 1977

SAKPhA Delegate, KPhA House of Delegates - 1977

Chapter Delegate, Kappa Psi Province 5 Convention - 1977

Social Chairman, College of Pharmacy - Class of 1977

Treasurer, Kappa Psi Pharmaceutical Fraternity - 1976

Vice-President, Rho Chi Honor Society - 1977

President, Student American-Kentucky Pharmaceutical Association - 1976

PUBLIC SERVICE

Precepted UNC Pharmacy Students at Participated in Latino Health Fair student event (students advised about medication assistance programs and cholesterol test results (April 2009)

School of Pharmacy Representative, Health Affairs Interdisciplinary Education Committee 2003-Present

Faculty Coordinator for clinic at the Interfaith Council Homeless Shelter of Chapel Hill, 1999-2004

National Asthma Day at the Legislature. Rayburn Building, Washington, DC. May 6, 1998.

Myths, Legends, and Other Trivia about OTC Medications, Hinton James Dormitory Group, UNC, February 11, 1992.

Common Medicines for Lung Disease. UNC Pulmonary Health Club, UNC Hospitals. May 14, 1991

AIDS: Current Concerns for the College Student. Zeta Tau Alpha Sorority. UNC-CH. March 21, 1990.

AIDS: Facts & Folklore. Lecture Presented During UNC Students of Pharmacy AIDS Awareness Program. November-December 1988

Contributor, Health Column Articles Released from UNC News Bureau

New Drugs in the Management of Cystic Fibrosis. Presentation and Newsletter Article for NCMH Cystic Fibrosis Support Club. July 20, 1988

Treatment of Obstructive Respiratory Disorders. NCMH Pulmonary Group and Better Breathers Club, Chapel Hill & Raleigh, N.C., August-October 1987

New Medications for Asthma & COPD, NCMH Pulmonary Club. Chapel Hill, N.C., October 16, 1986

Coordinator, "Ask Your Pharmacist" Toll-Free, Phone-in Program, NCSHP/NCPhA, 1985, 1986, 1987

Volunteer, Orange County Health Fair - 1984-1985

Faculty Participant, Pharmacy Student-Sponsored Programs

INVITED PRESENTATIONS (2013)

National

Clinical and Legal Considerations in Product Selection for Treating Allergic Rhinitis (Program Chair). ASHP Midyear Clinical Meeting, Orlando Florida (December 9, 2013)

Improving Patient Outcomes through Immunization Strategies Across the Health System. ASHP Midyear Clinical Meeting, Orlando Florida (December 10, 2013)

Management Considerations for Patients with Asthma or COPD. APhA Annual Meeting, Los Angeles California (March 4, 2013)

State and Regional

Optimizing the Management of COPD. Illinois Council of Health System Pharmacists. Rosemont Illinois. (September 20, 2013)

Update on Asthma and COPD Management. North Carolina Technician Association. Durham North Carolina (September 28, 2013)

Considerations in Managing the Patient with Asthma. Louisiana Society of Health System Pharmacists. Shreveport, LA. (October 5, 2013)

Considerations in Managing the Patient with Asthma. New Mexico Society of Health System Pharmacists. Albuquerque NM. (October 6, 2013)

Considerations in Managing the Patient with Asthma. Kentucky Society of Health System Pharmacists. French Lick, Indiana (October 11, 2013)

Managing the Patient with Community Acquired Pneumonia. Diablo Society of Health System Pharmacists. Walnut Creek, California (October 17, 2013)

Optimizing the Management of COPD. Virginia Society of Health System Pharmacists. Norfolk, Virginia. (October 19, 2013)

INVITED PRESENTATIONS (Recent)

State

Immunization Training for Pharmacist (A National Certificate Program)

Biographical Information
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Raleigh NC, May 10, 2011; May 17, 2011
Fayetteville AHEC, June 21, 2011

Medication Therapy Management National Certificate Program
Wilmington NC August 26, 2011

Current Concepts for Optimal Asthma Management. Wake AHEC. Raleigh, NC. November 4, 2011.

Practical Considerations in the Management of COPD. Multidisciplinary Conference. Greensboro AHEC. Greensboro, NC. November 28, 2011.

Current Concepts for Optimal Asthma Management. Charlotte AHEC. Charlotte NC. December 12, 2011.

National

Contemporary Concepts in Managing COPD patients. American Society of Consultant Pharmacists. Va Beach, Va. May 4, 2011

Update in the Management of COPD. ASCP Florida State Chapter. Tampa, Fl. June 5, 2011.

Immunization Training for Pharmacist (A National Certificate Program)
Orlando, Fl , October 14, 2011

Bridging the Gap—Optimizing Treatment of Asthma and COPD. APhA Webinar Series
August 16, 2011
September 14, 2011
October 13, 2011

Strategies for Disease Prevention in the Health-System. Current Approaches and Recommendations for Adult Immunizations. Midyear Clinical Meeting. American Society of Health System Pharmacists. New Orleans, LA. December 4-7, 2011.

International

The International Clinical Classroom Project. Presented to faculty and students in Tokushima and Hokkaido, March 2011.

Introduction to Contemporary Pharmacy Education and Practice
Hiroshima Student/Faculty Delegation March 2011
African Scholar (July – August 2011)