

Melissa G. Butler, PharmD, MPH, BCPS

Business Address:

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Education

- 2003-present School of Pharmacy, University of North Carolina at Chapel Hill (UNC-CH)
PhD Student, Division of Pharmaceutical Outcomes & Policy
Certificate in Survey Methodology (5/06)
Interdisciplinary Certificate in Health Disparities (5/06)
Anticipated graduation – 2008
- 2001-2003 School of Public Health, University of Illinois at Chicago (UIC)
Master in Public Health, concentration Health Policy & Administration
- 1994 - 2000 Philadelphia College of Pharmacy, University of the Sciences in Philadelphia (USP)
Doctor of Pharmacy – May 2000
Bachelor of Science, Pharmacy – September 1999
Minor in Economics

Board Certification

Board of Certified Pharmacotherapy Specialist: 2003-2010
Board of Pharmacotherapy Specialist, Washington, DC

Post Graduate Pharmacy Training

- 2001-2003 Pharmacoeconomics and Drug Therapy Outcomes Fellowship.
UIC / Pharmacia
College of Pharmacy / Global Outcomes Research
Chicago, IL / Skokie, IL
- 2000 -2002 Short Courses – International Society of Pharmacoeconomics & Outcomes Research (ISPOR)
Annual Meeting 2000-2002
Introduction to Decision Analysis
Retrospective Database Analysis
Meta-analysis and Systemic Literature Review - Introduction
Basic & Advanced Statistics and their Application to Pharmacoeconomic Data
Bayesian Analysis
- 2000 – 2001 American Society of Health-System Pharmacists (ASHP) Accredited
Pharmacy Practice Residency with an emphasis in managed care.
Massachusetts College of Pharmacy and Health Sciences (MCPHS) and Harvard Vanguard
Medical Associates (HVMA), Boston, MA.

Academic Appointment

- 2001-2003 Clinical Associate, Department of Pharmacy Practice, UIC College of Pharmacy, Chicago, IL.
- 2000-2001 Adjunct Instructor in Clinical Pharmacy, Division of Pharmacy Practice, MCPHS, Boston, MA.

Professional Experience

- 2004-present Pharmacist & Diabetes Educator, DCRRP, Open Door Clinic, Raleigh, NC
- 2003-2007 Pharmacist, King Edward VII Memorial Hospital, Paget, Bermuda
- 2002-2003 Clinical Staff Pharmacist, Northwestern Memorial Hospital, Chicago, IL
- 2000-2001 Pharmacist, CVS Pharmacy, MA.
- 2000-2001 Pharmacist, HVMA Watertown Pharmacy, Watertown, MA & HVMA Kenmore Pharmacy, Boston, MA.
- 1999-2000 Pharmacist, Hospice Pharmacia, Philadelphia, PA.
- 1999-2000 Omnicare Geriatric Pharmaceutical Guidelines® 2000 and 2001, University of the Sciences of Philadelphia, Office of Professional Programs, Philadelphia, PA.

Professional Appointment

- 2001-2002 American College of Clinical Pharmacy (ACCP) Task Force on Economic Evaluations of Clinical Pharmacy Services

Grants

- 2003 Investigation of the determinants of adherence and nonadherence in asthma using Q methodology. Pharmacia Corp.

Teaching Experience

- Spring 2005 Pharmacy Law, required 5th year course at UNC School of Pharmacy, Chapel Hill, NC
- Fall 2004 Introduction Health Systems, required 3rd year course at UNC School of Pharmacy, Chapel Hill, NC
- Spring 2004 Clinical Instructor in Pharmaceutical Care Lab IV, required 4th year course at UNC School of Pharmacy, Chapel Hill, NC
- Fall 2003 Instructor in Pharmaceutical Care Lab III, required 4th year course at UNC School of Pharmacy, Chapel Hill, NC
- 2002 & 2003 Lecturer for ACCP Board Certification Pharmacotherapy Preparatory Course: Pharmacoeconomics a refresher
- Fall 2001 Guest Lecturer and Recitation Instructor for Pharmacoeconomics and Drug Therapy Outcomes, required 3rd year course at UIC College of Pharmacy, Chicago, IL.
- Spring 2001 Preceptor of pharmacy students at Mariner of Longwood & HVMA-Kenmore, Boston, MA
- Spring 2001 Lecturer for PA Clinical Therapeutics II, 5th year Physician Assistant course at MCPHS, Boston, MA.

Spring 2001 Instructor in Introduction to Professional Experiential Pharmacy Lab, 3rd year required pharmacy course at MCPHS, Boston, MA

Fall 2000 Instructor in Professional Pharmacy Practice Lab, 5th year required course at MCPHS, Boston MA.

Publications & Abstracts

Butler MG. Racial and Ethnic Disparities in Diabetes Care and Management . AcademyHealth Annual Research Meeting in 2007

Shah M, Butler M, Bramley T, Curtice TG, Fine S. Comparison of health care costs and co-morbidities between men diagnosed with benign prostatic hyperplasia and cardiovascular disease (CVD) and men with CVD alone in a US commercial population. *Curr Med Res Opin.* 2007;23:417-26.

Greene SB, Williams CE, Hansen RA, Crook KD, Akers R, Butler MG, Carey TS. *Nursing Home Medication Error Quality Initiative (MEQI) Year 2: October 1, 2004 to September 30, 2005.* Chapel Hill, NC: Cecil G Sheps Center for Health Services Research, University of North Carolina at Chapel Hill, 2006. Available at: <https://www.shepscenter.unc.edu/meqi/info/MEQIREPORTYR2.pdf>

Butler MG, Schumock GT, Mrtek T, Jaffie HA, Wilken L. Understanding Adherence in Asthma Using Q-Methodology. ISPOR Annual International Meeting in 2004

Schumock GT, Butler MG. Evaluating and Justifying Clinical Services. In: Pharmacoeconomics and Outcomes: Applications for Patient Care. Grauer DW, Lee J, Odom TD, et al, eds. Kansas City: American College of Clinical Pharmacy, 2003

Butler MG, Schumock GT. Evaluating and Justifying Clinical Services. In: Pharmacoeconomics and Outcomes: Applications for Patient Care, Case Studies. Grauer DW, Lee J, Odom TD, et al, eds. Kansas City: American College of Clinical Pharmacy, 2003

Butler MB. Validity and reliability of the Kansas City Cardiomyopathy Questionnaire. Chicago HSR Annual Meeting 2003.

Schumock GT, Butler MG, Arondekar BV, Meek P, Bauman J, Vermeulen L. Economic evaluation of clinical pharmacy services 1996-2000. *Pharmacotherapy.* 2003;23(1):113-32.

Butler-MG, Nutescu EA, Finley J, Lewis RK, Schumock GT. Guidelines for use of low molecular weight heparins in acute care hospitals. ASHP Midyear Clinical Meeting 2002.

Butler MG, Arondekar BV, Meek P, Bauman J, Vermeulen L Schumock GT,. Economic evaluation of clinical pharmacy services 1996-2000. ACCP Annual Meeting 2002.

Arondekar BV, Butler-MG, Nutescu EA, Walton SW, Lewis RK, Schumock GT. Policies for use of low molecular weight heparins. ASHP Midyear Clinical Meeting 2001.

Butler MG, Price VS, DiTusa L. Evaluation of unclaimed prescriptions in a multispecialty group practice. ASHP Midyear Clinical Meeting 2000.

Butler MG and Lawrence M. Options in treating multi-drug resistant gram-positive infections with a focus on linezolid. *Practice Forum.* December 2000.

Butler MG and Magaziner E. Resolution 2000: Controlling the Pharmacy Benefit. Independence Blue Cross Pharmacy Newsletter, winter 2000.

Select List of Oral Presentations

- 2007 Butler MG. "Racial and Ethnic Disparities in Diabetes Care" DPOP Seminar
- 2006 & 2007 Butler MG, Morton J. "Living with Epilepsy" UNC Interdisciplinary Certificate in Health Disparities Program Course: Community Capacity, Competence, and Power: Participatory Action Research and Photovoice.
- 2006 Butler MG. "Medications used to Treat Diabetes" Project Direct Diabetes Class, Raleigh, NC
- 2005 Butler MG et al. "Diabetes in African Americans: Inequities in Prevalence and Outcomes." UNC Interdisciplinary Certificate in Health Disparities Program Course: Addressing Health Inequities in the US.
- 2004 Butler MG. "The Impact of Omalizumab on Asthma-related Quality of Life in Allergic Rhinitis: A Meta-analysis" UNC Clinical Trials Epidemiology Course
- 2004 Bell B, Butler MG, Trygstad T. "Politics, Policy, and Change: Encouraging Over-the-Counter Medication Use in the North Carolina Medicaid Program" UNC Methods in Policy Analysis and Evaluation Course
- 2004 Butler MG, Walsh J, Bazua B. "Marketing and Pricing Analysis of Eli Lilly & Company" UNC Pharmaceutical Research, Development & Marketing Course
- 2003 Butler MG. "Pharmacoeconomics: A Refresher" BPS Prep Course, ACCP Spring Forum
- 2003 Butler MG. "Health care & medication utilization in asthma: An analysis of 2001 Behavioral Risk Factor Surveillance System" UIC-UW Pharmacoeconomics Fellowship Day
- 2002 Butler MG. "Estimating the NNT of parecoxib sodium 20 mg and 40mg versus placebo in five post surgical clinical trials" Economic Strategic Team meeting at Pharmacia Corp
- 2002 Butler MG. "Validation of a disease specific quality of life instrument for heart failure: the Kansas City Cardiomyopathy Questionnaire (KCCQ)" UIC-UW Pharmacoeconomics Fellowship Day
- 2002 Arkhas K, Butler MG. "A review of Outcomes Research in Asthma Trials." Asthma Seminar for research and development team at Pharmacia Corp.
- 2002 Butler MG. "Pharmacoeconomics: A Refresher" BPS Prep Course, ACCP Spring Forum
- 2002 Butler MG. Economic evaluation of clinical pharmacy services 1996-2000. UIC-UW Pharmacoeconomics Fellowship Day
- 2001 Butler MG. "Improving elderly outpatient care & quality of life: The Elderly Quality Use & Improvement Pharmacy Program (EQUIPP)" Eastern States Residency Conference 2001.
- 2001 Butler MG. "Risedronate" Drug review for Harvard Pilgrim Health Care's Pharmaceutical & Therapeutics Committee.

- 2001 Butler MG. "Hormone Replacement Therapy" Drug review for Harvard Pilgrim Health Care's Pharmaceutical & Therapeutics Committee.
- 2001 Butler MG. "Bronchodilators in COPD" Drug review for Provider Services Network P & T Committee.
- 2000 Butler MG, Paine D. "Evolution in Arthritis Management and the Role of COX-2 Inhibition" In-service for pharmacy staff at HVMA Braintree Practice.
- 2000 Butler MG. "Linezolid" Drug review for Harvard Pilgrim Health Care's Pharmaceutical & Therapeutics Committee.

Professional Organizations

AcademyHealth

International Society of Pharmacoeconomics & Outcomes Research (ISPOR)

American College of Clinical Pharmacy (ACCP) – Full Member

Academy of Managed Care Pharmacy (AMCP)

America Pharmacists Association (APhA)

University Activities

- 2007-2008 UNC-CH Student Fee Advisory Subcommittee
- 2007-2008 UNC-CH Student Fee Audit Committee
- 2007-2008 UNC-CH Graduate Professional Student Federation (GPSF) Senate - Treasurer
- 2006-2007 UNC-CH GPSF Senator – Pharmaceutical Sciences
- 2003-2007 UNC SOP Graduate Student Organization Division Representative – DPOP
- 2003-2007 UNC-CH Minority Student Caucus
- 1998-1999 USP Rho Chi Pharmacy Honors Society - Treasurer
- 1997-1999 USP Pennsylvania Society of Health Systems Pharmacists - Treasurer
- 1995-1999 USP International Students Association – Treasurer & President

Awards & Honors

- 2005 ISPOR Outstanding Service Award
- 2003-2004 University Merit Assistantship / University of North Carolina - Chapel Hill
- 2002 Fellow Travel Award, American College of Cardiology / American Heart Association Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke
- 2000 International Student Award
- 1999 Bermuda Pharmacy Association Scholarship
- 1998 Rho Chi Pharmacy Honor Society Induction
- 1996 - 1999 Bermuda Government Scholarship
- 1996 - 1999 Richard Eve Memorial Scholarship
- 1995 Alpha Lambda Delta Honor Society Induction

Community Service

- 2004-present Urban Ministries of Wake County
- 2006-present Aids Alliance Services – Carolina (AAS-C)

Professional Licensure

Registered Pharmacists, State of North Carolina

Registered Pharmacist, Bermuda