

**CURRICULUM VITAE**  
**Jena Ivey Burkhart, PharmD, BCPS, CPP**

**PERSONAL**

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University of North Carolina at Chapel Hill  
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UNC Eshelman School of Pharmacy  
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Licensure: North Carolina (17232)  
Clinical Pharmacist Practitioner (0070-00145)

**ACADEMIC/CLINICAL APPOINTMENTS AND POSITIONS**

7/2010-present	Director, Geriatric Pharmacy Specialty Residency Program UNC Hospitals/UNC Eshelman School of Pharmacy
7/2010-present	Geriatric Clinical Pharmacy Specialist UNC Hospitals Department of Pharmacy UNC Hospitals and Clinics
1/1/08-present	Clinical Assistant Professor Division of Pharmacy Practice and Experiential Education Eshelman School of Pharmacy UNC School of Medicine, UNC Hospitals The University of North Carolina at Chapel Hill
7/06-12/07	Independent Allied Health Professor UNC School of Medicine, UNC Hospitals The University of North Carolina at Chapel Hill
7/05-12/07	Clinical Instructor Eshelman School of Pharmacy The University of North Carolina at Chapel Hill

**EDUCATION AND TRAINING**

July 2004-June 2005	Geriatric Pharmacy Specialty Residency Eshelman School of Pharmacy UNC Hospitals
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The University of North Carolina at Chapel Hill  
Chapel Hill, NC

2000-2004                      Doctor of Pharmacy  
Eshelman School of Pharmacy  
The University of North Carolina at Chapel Hill  
Chapel Hill, North Carolina

1998-2000                     Undergraduate Pre-Pharmacy  
The University of North Carolina at Chapel Hill  
Chapel Hill, North Carolina

## **PUBLICATIONS**

### **Peer-Reviewed Publications**

1. Roth MT, **Ivey JL**. Self-Reported Medication Use in Community-Residing Older Adults: A Pilot Study. *American Journal of Geriatric Pharmacotherapy* 2005;3(2):196.
2. Sloane P, **Ivey J**, Roth M, et al. Accounting for the Sedative and Analgesic Effects of Medication Changes During Patient Participation in Clinical Research Studies: Measurement Development and Application to a Sample of Institutionalized Geriatric Patients. *Contemporary Clinical Trials* 2008;29:140-148.
3. Sloane PD, **Ivey J**, Helton M, Barrick AL, Cerna A. Nutritional Issues in Long-Term Care. *J Am Med Dir Assoc* 2008 Sep;9(7):476.
4. Roth MT, Moore C, **Ivey JL**, et al. The Quality of Medication Use in Older Adults: Methods of a Longitudinal Study. *The American Journal of Geriatric Pharmacotherapy* 2008;6:220-233.
5. Roth MT, Watson L, **Ivey J**, et al. Methodology of a Pilot Study to Improve the Quality of Medication Use in Older Adults: Enhancing Quality in Psychiatry Using Pharmacists (EQUIPP). *The American Journal of Geriatric Pharmacotherapy* 2009;7(6): 362-372.
6. Roth MT, Esserman D, **Ivey J**, et al. Racial Disparities in the Quality of Medication Use in Older Adults: Baseline Findings from a Longitudinal Study. *Journal of General Internal Medicine* 2010 Mar;25(3):228-34.
7. Lewis C, Golin C, DeLeon C, **Ivey J**, et al. A Targeted Decision Aid for the Elderly to Decide Whether to Undergo Colorectal Cancer Screening: Development and Results of an Uncontrolled Trial. *BMC Medical Informatics and Decision Making* 2010 Sep;10:54.
8. Roth MT, Esserman DA, **Ivey JL**, Weinberger M. Racial disparities in quality of medication use in older adults: findings from a longitudinal study. *Am J Geriatr Pharmacother*. 2011 Aug;9(4):250-8.
9. Crisp G, **Burkhart JI**, Esserman D, Weinberger M, Roth MT. Development and Testing of a Tool for Assessing and Resolving Medication-Related Problems in Older Adults in an Ambulatory Care Setting: The Individualized Medication Assessment and Planning (iMAP) Tool. *The American Journal of Geriatric Pharmacotherapy* 2011;9(6): 451-460.
10. Lauffenburger JC, Vu MB, **Ivey Burkhardt JL**, Weinberger M, Roth MT. Design of a Medication Therapy Management Program for Medicare Beneficiaries: Qualitative Findings from Patients and Physicians. *Am J Geriatr Pharmacother* 2012;10(2): 129-138.

### **Non-Peer Reviewed Publications**

1. Ivey J. Strategies for Coping with Alzheimer's Disease. *Pharmacy Times* 2007(January):84.
2. Hoyle J, **Ivey J** et al. Community Pharmacies: Improving Accessibility and Usability for Older Adults. *North Carolina Pharmacist* Spring 2010;90(2):20-21.
3. Burkhart JI. What's Appropriate and What's Not: Determining the Right Medication for your Older Patient. *Pharmacy Times* 2012(January): published online January 25<sup>th</sup> 2012.

### **Peer-Reviewed Abstracts/Posters**

1. **Burkhart JI**, Rosemond C, Coppola S, et al. "Hubbard Program: Collaborative Interdisciplinary Clinical Practice in Geriatrics." American Geriatrics Society Annual Meeting. National Harbor, Maryland, May 14, 2011.
2. Watson L, Roth M, **Ivey J**, et al. "Enhancing Quality in Psychiatry with Pharmacists (EQUIPP) – A Pilot Trial." Abstracts from the 2010 AAGP Annual Meeting, *Am J Geriatr Psychiatry* 18:3, Supp 1, March 2010. Savannah, GA, March 2010.
3. Marciniak M, Cox W, **Ivey J**, et al. "Development of a Faculty Writing Club to Promote Scholarship." AACP Annual Meeting. Boston, MA, July 2009.
4. Zimmerman S, Love K, Tilly J, Cohen L, **Ivey J** et al. "Medication Management in the Context of Community-Based Participatory Research in Assisted Living." AHRQ 2008 Annual Conference. Bethesda, MD, September 2008.

### **Non-Peer Reviewed Abstracts/Posters**

1. Riendeau, A, **Burkhart JI**, Esserman D, Weinberger M, Bosworth H, Roth MT. "Factors Contributing to Improved Adherence Rates Following a Clinical Pharmacist Intervention." North Carolina Association of Pharmacists Chronic Care Forum, Charlotte, NC, March 2012.
2. Felder E, **Burkhart JI**. "Vitamin B12 Supplementation and its Effect on Cognition in Older Adults." ASHP Midyear Clinical Meeting, New Orleans, LA, December 2011, and North Carolina Association of Pharmacists Chronic Care Forum, Charlotte, NC, March 2012.
3. Crisp GD, **Burkhart JI**, Roth M, et al. "Reliability of a Tool to Assess Medication-Related Problems in Older Adults in an Ambulatory Care Setting." North Carolina Association of Pharmacists Chronic Care Forum, Concord, NC, March 2011, and UNC Aging Exchange, Chapel Hill, NC, April 2011.
4. McGrail K, **Ivey J**, Coward HJ. "Predictors of Cholinesterase Use and Discontinuation in a Geriatric Specialty Clinic." ASHP Midyear Clinical Meeting, Las Vegas, NV, December 2009.
5. **Ivey J**. "Development and Refinement of a Data Collection Form: Determining the Quality of Medication Use in Older Adults." Southeastern Residency Conference. Athens, Georgia, May 2005.
6. **Ivey J**, Bynum D, Kent S, Roth M. "Appropriate Use of Calcium, Vitamin D, and Antiresorptive Medications in Osteoporosis-related Fractures." ASHP Midyear Clinical Meeting. New Orleans, Louisiana, December 2003.

### **REVIEWER**

March 2011-present

Journal of Applied Gerontology

## RESEARCH EXPERIENCE

- July 2007-January 2009     *Enhancing Quality in Psychiatry with Pharmacists (EQUIPP)*  
Co-Investigator, Lead Clinical Pharmacist  
UNC Investment for the Future Award  
UNC Hospitals  
University of North Carolina at Chapel Hill  
Principal Investigator: Lea Watson, MD, MPH
- September 2006-June 2008     *A National Assisted Living Community-Based Participatory Research Partnership to Improve Medication Management in Assisted Living Facilities*  
Lead Clinical Pharmacist  
Program on Aging, Disability, and Long-Term Care  
Cecil G. Sheps Center for Health Services Research  
University of North Carolina at Chapel Hill  
Center for Excellence in Assisted Living  
Principal Investigator: Sheryl Zimmerman, MSW, PhD
- April 2005-July 2011     *Determining the Quality of Medication Use in Older Adults*  
Co-Investigator, Study Coordinator, Lead Clinical Pharmacist  
National Institute on Aging-Funded Study  
Eshelman School of Pharmacy  
The University of North Carolina at Chapel Hill  
Principal Investigator: Mary Roth, PharmD, MHS, FCCP
- July 2004-May 2005     *Development and Refinement of a Data Collection Form: Determining the Quality of Medication Use in Older Adults*  
Specialty Resident Research Project  
UNC Hospitals, Eshelman School of Pharmacy  
The University of North Carolina at Chapel Hill
- August 2003-2005     *Causes of Racial Disparity in Blood Pressure Control Among Hypertensive Patients in a Primary Care-Health Center*  
Research Assistant  
UNC Program on Ethnicity, Culture, and Health Outcomes  
University of North Carolina at Chapel Hill  
Principal Investigators: Michael Fisher, MD, MPH  
Philip Sloane, MD, MPH
- June 2003-April 2004     *Appropriate Use of Calcium, Vitamin D, and Antiresorptive Medications in Osteoporosis-related Fractures: A Drug Utilization Evaluation*  
Pre-Residency Track Student Research Project  
UNC Hospitals/Eshelman School of Pharmacy  
University of North Carolina at Chapel Hill

Mentors: Debra Bynum, MD, Susan Kent, PharmD  
Mary Roth, PharmD, MHS

June 2002-2003      *Assessing Medication Needs in Community-Dwelling Elders*  
Albert Schweitzer Fellowship Project  
Principal Investigator: Mary Roth, PharmD, MHS  
Co-Investigator: Jena Ivey, PharmD Candidate  
Collaborator: Kate Barrett, MSW, LCSW  
UNC School of Pharmacy, Orange County Department on Aging

## **TEACHING EXPERIENCE**

### **Experiential**

August 2009-present      Mentor, Resident Teaching Certificate Program  
UNC Eshelman School of Pharmacy, University of North Carolina

August 2007-present      Faculty Advisor, First Year PharmD Students  
UNC Eshelman School of Pharmacy, University of North Carolina

June 2006-present      Faculty Mentor, Fourth Year Doctor of Pharmacy Candidates  
Clinical Scholars Program  
UNC Eshelman School of Pharmacy, UNC Hospitals

April 2005-present      Preceptor, Fourth Year Doctor of Pharmacy Candidates and  
PGY1/PGY2 Pharmacy Residents  
Geriatric Pharmacy Practice Rotation  
UNC Eshelman School of Pharmacy, UNC Hospitals and Clinics

### **Didactic**

8/2011 – present (Fall)      PHCY 433, Endocrine Module, Lecturer  
Lectures: Osteoporosis

1/2010-present (Spring)      DPPEE 800, Geriatric Pharmacy Practice Elective, Director

1/09-present (Fall/Spring)      DPPEE 828, Geriatric Pharmacy Independent Study, Director

1/09-5/09 (Spring)      PHCY 450, Problems in Pharmacotherapy, Group Facilitator

10/08-present (Fall)      PHCY 431, Introduction to Health Systems, Lecturer  
Lecture: The Medicare Part D Prescription Drug Benefit

8/08 – present (Fall, Spring)      Co-Coordinator, Interdisciplinary Certificate in Aging Seminars

10/06-10/2010 (Fall)      PHCY 442, Introduction to Pharmacy Practice, Lecturer  
Lecture: Complimentary and Alternative Medicine

10/05-5/2010 (Fall)      SOWO 843, Direct Practice with Aging, Lecturer  
Lecture: Drugs and Older Adults

7/2005-present      Geriatric Fellows Conference, Speaker  
UNC Geriatric Fellowship Program, UNC Center for Aging and Health

5/05-present (Spring)	Topics: Antidepressants, Antipsychotics, DM, Osteoporosis PHCY 446, Psychiatry/Neurology Module, Lecturer Lectures: Clinical Approach to the Management and Prevention of Stroke, Pharmacological Management of Dementia, Pharmacotherapy of Parkinson's Disease
5/05-present (Spring)	PHCY 414, Pharmacokinetics, Lecturer Lecture: Pharmacokinetic/Pharmacodynamic Changes with Aging
5/05-present (Fall)	PHCY 604-I, Aging and Health, Lecturer Lecture: Medication Use in Older Adults. Interdisciplinary Certificate in Aging Program
4/05-present (Spring)	DPPEE 803, Ambulatory Care Pharmacy Elective, Lecturer Topic: Dementia/Geriatrics
8/04-12/2011 (Fall, Spring)	PHCY 609-I, Hubbard Program: An Interdisciplinary Teamwork Course in Geriatrics, Co-Coordinator/Faculty Preceptor
1/05-5/05 (Spring)	PHTH 081, Geriatric Elective, Co-coordinator and Lecturer

## **PRESENTATIONS**

### **National**

1. Ivey JL. Cholinesterase Inhibitors: The Pro Side. American College of Clinical Pharmacy Annual Meeting for the Geriatric PRN Focus Session, Louisville, KY. October 20, 2008.
2. Ivey JL. Update on the Pharmacological Management of Osteoporosis. Osteoporosis Speaker's Bureau, Upsher-Smith Laboratories, Inc., Continuing Education Seminar Series. October 2006-2007.
3. Ivey JL. Development and Refinement of a Data Collection Form: Determining the Quality of Medication Use in Older Adults. Southeastern Residency Conference, UNC Hospitals, UNC School of Pharmacy, Athens, Georgia. May 2005.

### **State/Local**

1. Ivey JL. Osteoporosis Treatment Strategies. Eastern AHEC Pharmacy CE Program, Greenville, NC. September 18, 2011.
2. Ivey JL. Osteoporosis Pharmacotherapy Update. 2011 NCAP Chronic Care Forum. Concord, NC. April 1, 2011
3. Ivey JL. Pharmacotherapy of Osteoarthritis. 21<sup>st</sup> Annual Challenges in Geriatric Practice Conference. University of North Carolina Division of Geriatric Medicine and Center for Aging and Health, Chapel Hill, NC. February 18, 2010.
4. Ivey JL. Vitamin D: What You Need To Know. UNC Melanoma Conference. Chapel Hill, NC. February 2010.
5. Ivey JL. Pharmacotherapy of Dementia and Depression. UNC School of Nursing Continuing Education Conference, Chapel Hill, NC. March 12, 2009.
6. Ivey JL. Pharmacotherapy of Dementia: What's New? 20<sup>th</sup> Annual Challenges in Geriatric Practice Conference. University of North Carolina Division of Geriatric Medicine and Center for Aging and Health, Chapel Hill, NC. March 5, 2009.
7. Ivey JL. Osteoporosis Management Strategies. Southern Regional AHEC Continuing Education Seminar, Fayetteville, NC. August 21, 2008.

8. Ivey JL. Managing Bipolar Disorder and Schizophrenia in the Geriatric Patient. MAST Symposium, Wake AHEC Continuing Education Program, Raleigh, NC. August 15, 2008.
9. Ivey JL. Medication Management: What You Need to Know, What you Need to Do! Wilson Area Agency on Aging, Public Educational Seminar, Wilson, NC. May 21, 2008.
10. Ivey JL. Management Strategies for Osteoporosis. Triangle College of Clinical Pharmacy: CE Program, Durham, NC. February 29, 2008.
11. Ivey JL. Diabetes Treatment Update. 19<sup>th</sup> Annual Challenges in Geriatric Practice: In the Know...2008. University of North Carolina Division of Geriatric Medicine and Center for Aging and Health, Chapel Hill, NC. February 22, 2008.
12. Ivey JL. Managing Dementia and Depression in the Geriatric Patient. Southern Regional AHEC Continuing Education Seminar, Fayetteville, NC. November 15, 2007.
13. Ivey JL. Inappropriate Drug Use in the Older Adult. North Carolina Association of Pharmacists 2007 Annual Meeting, Durham, NC. October 30, 2007.
14. Ivey JL. Managing Dementia and Depression in the Geriatric Patient. Wake County Pharmaceutical Association Continuing Education Seminar, Raleigh, NC. October 5, 2007.
15. Ivey JL. Sleep and Pharmaceuticals. 18<sup>th</sup> Annual Challenges in Geriatric Practice: Aging in a Changing World. University of North Carolina Division of Geriatric Medicine and Program on Aging, Chapel Hill, NC. February 17, 2007.
16. Ivey JL. Vitamin D and Falls Risk. Triangle College of Clinical Pharmacy: Significant Papers CE Program, Durham, NC. November 14, 2006.
17. Ivey JL. Osteoporosis Treatment Strategies. AHEC Continuing Education Series – Area L, Wilson, NC. November 8, 2006.
18. Ivey JL. Update on the Pharmacological Management of Osteoporosis. Wake County Pharmaceutical Association Continuing Education Seminar, Cary, NC. July 2006.
19. Ivey JL. Explaining the Standard and Limited-Income Medicare Part D Benefits. Coastal AHEC Continuing Education Seminar, Wilmington, NC. April 2006.
20. Ivey JL. Diabetes and Your Medications. Diabetes Educational Seminar, Orange County Health and Wellness Initiative, Senior Centers in Orange County, NC. October 2004-2010.
21. Ivey JL. Mild Cognitive Impairment: To Treat or Not To Treat? Spring Resident Seminar, UNC Hospitals, Chapel Hill, NC. March 2005.
22. Ivey JL. Antidepressant Use in the Elderly. Continuing Education Program, UNC Hospitals, Chapel Hill, NC. January 2005.
23. Ivey JL. An Update in Secondary Stroke Prevention: Implications of the MATCH Trial. Fall Resident Seminar, UNC Hospitals, Chapel Hill, NC. September 2004.
24. Ivey JL. Initial Management of Parkinson's Disease: A Review of the Evidence. Geriatrics/Ambulatory Care Rotation, UNC Hospitals, Chapel Hill, NC. March 2004.
25. Ivey JL. Acute Delirium in the Elderly Patient. Geriatrics Clinical Rotation, Durham VA Medical Center, Durham, NC. November 2003.
26. Ivey JL. Slowing the Progression of Alzheimer's Dementia: A Review of the Evidence. Pre-Residency Track Seminar Series, UNC Hospitals, Chapel Hill, NC. October 2003.
27. Ivey JL. Prescription and Over-the-Counter Medications: General Things You Need to Know. Encore Seminar: Center for Lifetime Enrichment, North Carolina State University, Raleigh, NC. September 2003.

## HONORS AND AWARDS

2010	Southern Gerontological Society Best Practices Award, Awarded at SGS Annual Meeting 2010, Atlanta, GA in partnership with the Orange County Department on Aging.
2004	United States Public Health Service, Excellence in Public Health Pharmacy Practice Award
2004	Ralph P. Rogers, Sr. Community Pharmacy Practice Award
2004	UNC School of Pharmacy Division of Pharmacotherapy Award
2004	The Albert Schweitzer Fellowship
2001-2004	Raymond B. Yingling Scholarship Academic Scholarship, UNC School Pharmacy

## CERTIFICATIONS

2008	Clinical Pharmacist Practitioner (state of NC, 0070-00145)
2007	Medication Therapy Management APhA Certificate Training Program
12/31/05-12/31/12	Board Certified Pharmacotherapy Specialist (305006625)

## PROFESSIONAL SERVICE

### National Organizations

2012-present	American Association of Colleges of Pharmacy Member
2010-present	American Society of Consultant Pharmacists Member
2009-present	American Society of Health-System Pharmacists Member
August 2003-present	American College of Clinical Pharmacy Full Member Geriatric PRN, Member Ambulatory Care PRN, Member
January 2012	Networking Committee, Member
April 2003-present	American Geriatrics Society Member

### State Organizations

2004-present	Triangle College of Clinical Pharmacy, Member
2010:	Officer: President

2009	Officer: President-Elect
2008	Officer: Secretary
2007	Officer: Secretary-Elect
August 2002-present	North Carolina Association of Pharmacists Member
January 2012	Chair-Elect, Chronic Care Practice Forum
July 2007-present	Medication Therapy Management Task Force Committee Member
<u>University</u>	
August 2007-present	Member, Certificate in Aging Advisory Board University of North Carolina, Certificate in Aging Program
8/2008-present	Co-coordinator, Certificate in Aging Seminar Series
January 2007-present	Faculty Advisor, Geriatric Student Interest Group Eshelman School of Pharmacy The University of North Carolina at Chapel Hill
July 2005-present	Pharmacy Faculty Advisor, Beyond Clinic Walls The University of North Carolina at Chapel Hill
<u>Division</u>	
August 2009-present	Member, Personnel Action Review Committee, Division of Pharmacy Practice and Experiential Education UNC Eshelman School of Pharmacy
2012 – 2015	Chair, PARC
August 2008-present	Member, Scholarship Committee UNC Eshelman School of Pharmacy
8/2011-present	Co-Chair, Scholarship Committee
<u>Hospital</u>	
January 2011-present	Member, Ambulatory Care Subcommittee UNCH/UNC ESOP Partnership in Patient Care
12/11-present	Chair, Medication History Subcommittee
<u>Community</u>	
July 2007-present	Orange County Department on Aging Wellness Advisory Board Board Member, UNC Eshelman School of Pharmacy representative
5/2010-present	Co-Chair
11/2007-4/2010	Secretary

June 2005-present	Co-Coordinator, Orange County Medicare Outreach Program
August 2004-present	Volunteer Pharmacy Faculty Advisor/Preceptor for Beyond Clinic Walls (formerly Mobile Student Health Action Coalition)
August 2004-present	Clinical Pharmacist, Orange County Department on Aging, Community Educational Seminars
August 2004-present	Interfaith Council Homeless Shelter Medical Clinic Volunteer Pharmacy Faculty Preceptor