

# CURRICULUM VITAE

## LISA COMER HUTCHISON

### PERSONAL DATA

Primary Appointment:  
Professor, College of Pharmacy  
Vice Chair, Department of Pharmacy Practice  
University of Arkansas for Medical Sciences

Work Address:  
College of Pharmacy Slot 522  
University of Arkansas for Medical Sciences  
4301 W. Markham St.  
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### EDUCATION AND TRAINING

Master of Public Health  
January 2000-December 2001

University of South Florida  
Tampa, Florida

Residency Training  
July 1983-June 1984

Clinical Pharmacy  
Memphis VA Medical Center  
Memphis, Tennessee

Doctor of Pharmacy  
September 1981-June 1983

University of Tennessee-College of Pharmacy  
Memphis, Tennessee

Bachelor of Science in Pharmacy  
September 1979-June 1982

University of Tennessee-College of Pharmacy  
Memphis, Tennessee

### LICENSURE & BOARD CERTIFICATION

Pharmacist Licensure

Florida # PS-0032638, 1997-present  
Arkansas #9243, 2001-present  
With Nursing Home Consultant Pharmacist endorsement  
Tennessee #5849, 1982-2008 (voluntary)

Pharmacotherapy specialist  
(BCPS)

Board of Pharmaceutical Specialties #292238, 1992 to present

Geriatric pharmacotherapy  
specialist (BCGP)

Board of Pharmaceutical Specialties #019757, 2018 to present

## ACADEMIC APPOINTMENTS

May 2021 to present	Vice-Chair for Postgraduate Professional Programs, Dept of Pharmacy Practice
July 2011 to present	Professor, Dept of Pharmacy Practice
July 2000 to June 2011	Associate Professor, Dept of Pharmacy Practice College of Pharmacy University of Arkansas for Medical Sciences
July 2018 to present	Professor (Secondary Appointment)
October 2010 to June 2018	Associate Professor (Secondary Appointment) Dept of Geriatrics, College of Medicine University of Arkansas for Medical Sciences
July 2002 to 2013	Associate Professor (Secondary Appointment) Dept of Health Policy & Management College of Public Health University of Arkansas for Medical Sciences
October 1996 to June 2000	Adjunct Faculty University of Florida, Mercer University and Nova Southeastern Colleges of Pharmacy
July 1996 to October 1996	Clinical Associate Professor
October 1984 to July 1996	Clinical Assistant Professor University of Arkansas for Medical Sciences College of Pharmacy

## PROFESSIONAL EXPERIENCE

July 2000 to 2022	Clinical Pharmacist Donald W. Reynolds Institute on Aging
January 2017 to March 2019	Consultant Pharmacist, Arkansas State Veterans Home
February 2010 to August 2014	Consultant, Arkansas Foundation for Medical Care
January 2001-December 2010	Consultant, Pharmacy Service, Central Arkansas Veterans Healthcare System
April 2000-June 2000	Interim Administrative Director, Pharmacy Department
October 1996 to June 2000	Assistant Director, Clinical Affairs, Research & Education Pharmacy Department Florida Hospital, Orlando, Florida
July 1984-October 1996	Education/Quality Management Coordinator Little Rock VA Medical Center
October 1982-June 1983	Staff Pharmacist, Memphis VA Medical Center

## AWARDS

Merck Sharp and Dohme Award for Outstanding Contributions to Hospital Pharmacy, 1990

ASHP Foundation Award for Achievement in the Professional Practice of Pharmacy in Organized Health Care Settings, 1993

Hospital Pharmacist Manager of the Year, Arkansas Academy of Hospital Pharmacists, 1993

Federal Woman of the Year, Scientific/Medical (supervisory), 1994, Federal Women's Program Council of Arkansas

American Pharmacists Association Distinguished Achievement in Hospital and Institutional Practice, 2008

Fellow, American College of Clinical Pharmacy, 2008

Investigation Award, Arkansas College of Clinical Pharmacy, 2015

Arkansas Gerontological Society Intergenerational Group Volunteer Award (as course coordinator for Geriatric Therapeutics Course activities), 2016

## PUBLICATIONS

### REFEREED

#### Book

Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of Geriatric Pharmacotherapy: An Evidence-Based Approach. 2<sup>nd</sup> edition Bethesda, MD: American Society of Health-system Pharmacists, 2015

Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of Geriatric Pharmacotherapy: An Evidence-Based Approach. Bethesda, MD: American Society of Health-system Pharmacists, 2010.

#### Book Chapters

Hutchison LC. Healthcare Systems and Population Health. American College of Clinical Pharmacy. Updates in Therapeutics: Pharmacotherapy Preparatory Review and Recertification Course, 2023 edition (*in press*).

Hutchison LC. Healthcare Systems and Population Health. American College of Clinical Pharmacy. Updates in Therapeutics: Pharmacotherapy Preparatory Review and Recertification Course, 2022 edition.

Hutchison LC. Chapter 20: Central Nervous System Impairments. In: Pharmacological Considerations in Gerontology. Farinde A, Hebdon M, ed. New York: Springer Publishing Co, (2020).

Enderlin CA, Harris M, Rose KM & Hutchison L. Chapter 16: Sleep Disorders, In: Gerontological Nursing Competencies for Care. Mauk K, 4<sup>th</sup> ed. Jones & Bartlett, Sudbury MA (2018)

Hutchison LC. Geriatrics. American College of Clinical Pharmacy. Updates in Therapeutics: Pharmacotherapy Preparatory Review and Recertification Course, 2017 edition. Vol 2 pp 103-143.

Hutchison LC. Geriatrics. American College of Clinical Pharmacy. Updates in Therapeutics: Pharmacotherapy Preparatory Review and Recertification Course, 2016 edition. Vol 1 pp 39-77.

Hutchison LC. Geriatrics. American College of Clinical Pharmacy. Updates in Therapeutics: Pharmacotherapy Preparatory Review and Recertification Course, 2015 edition. Vol 1 pp 39-75.

Hutchison LC. Chapter 3. Biomedical Principles of Aging. In: Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of Geriatric Pharmacotherapy. 2<sup>nd</sup> edition Bethesda, MD: American Society of Health-system Pharmacists, 2015

Dayer L, Hutchison LC. Chapter 6. Palliative and Hospice Care. . In: Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of Geriatric Pharmacotherapy. 2<sup>nd</sup> edition Bethesda, MD: American Society of Health-system Pharmacists, 2015

Hutchison LC, Sleeper-Irons R. Chapter 11. Gastrointestinal Disorders and Nutrition. In: Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of Geriatric Pharmacotherapy. 2<sup>nd</sup> edition Bethesda, MD: American Society of Health-system Pharmacists, 2015

Enderlin CA, Harris M, Rose KM & Hutchison L. Chapter 16: Sleep Disorders, In: Gerontological Nursing Competencies for Care. Mauk K, 3<sup>rd</sup> ed. Jones & Bartlett, Sudbury MA (2013)

Blaszczyk AT, Hutchison LC. Chapter 12. Central Nervous System. In: Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of Geriatric Pharmacotherapy. 2<sup>nd</sup> edition. Bethesda, MD: American Society of Health-system Pharmacists, 2015

Hutchison LC. Chapter 72. Pharmacology in the Older Adult, In: Means K, Kortebein P, eds. Geriatric Rehabilitation. Demos Medical Publishing (New York) 2013

Enderlin CA, Harris M, Rose KM & Hutchison L. Chapter 16: Sleep Disorders, In: Gerontological Nursing Competencies for Care. Mauk K, ed., 2<sup>nd</sup> ed. Jones & Bartlett, Sudbury MA 2010. Pp 580-619.

Hutchison LC, Sleeper-Irons R. Chapter 11. Gastrointestinal Disorders and Nutrition. In: Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of Geriatric Pharmacotherapy. Bethesda, MD: American Society of Health-system Pharmacists, 2010 Second printing

Blaszczyk AT, Hutchison LC. Chapter 12. Central Nervous System. In: Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of Geriatric Pharmacotherapy. Bethesda, MD: American Society of Health-system Pharmacists, 2010

Hutchison LC. Chapter 3. Biomedical Principles of Aging. In: Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of Geriatric Pharmacotherapy. Bethesda, MD: American Society of Health-system Pharmacists, 2010

Hutchison LC, Kajkenova O. Prevention of Drug Reactions and Allergies in Dermatology. In: Norman R, ed. Preventive Dermatology. Florissant, MO: Springer, 2010.

Hutchison LC. Dermatologic Drug Therapy in the Elderly. In: Norman R, ed. Handbook of Geriatric Dermatology, Cambridge University Press. *Submitted*

Hutchison LC. The Pharmacology of Aging. In: Dharmarajan TS, Norman R, eds. Clinical Geriatrics, Parthenon Publishing (London) 2002.

Hawkins D, McKenney JM, Covey DF, Hutchison LC. Therapeutic Lifestyle Changes. In: McKenney JM,

Hawkins D, eds. Handbook on the Management of Lipid Disorders, 2<sup>nd</sup> edition. National Pharmacy Cardiovascular Council (St. Louis, MO), 2001.

### Journals

Harris M, Declerk L, Schafer P, Hutchison L, Kelly MA, Degrauelles P, Mendiratta P, Nagel C. Providing remote students with access to a Video-Enabled Standardized Patient Simulation on Interprofessional Competencies and Late-life Depression Screening. *J Research Interprofessional Practice Education*, 2020. 9(2):1-10.

Hawthorne J, Warford L, Hutchison LC, Pangle AK, Price ET, Wei J, Azhar G. Prescription medication use in the oldest old of South-Central United States. *Amer Res J Geriatrics Aging* 2017; 1:1-10

Brown JD, Hutchison LC, Martin BC. Comparing the tools to identify potentially inappropriate medications in the elderly and future research directions. *J Gerontol Geriatr Res*, 2016; 5: 321. doi:10.4172/2167-7182.1000321

Brown JD, Hutchison LC, Li CH, Painter JT, Martin BC. Predictive validity of the Beers and STOPP criteria to detect adverse drug events, hospitalizations, and emergency department visits in the United States. *J Am Geriatrics Soc*, 2016; 64:22-30.

The American Geriatrics Society Expert Panel on Post-operative Delirium in Older Adults. American Geriatrics Society Abstracted Clinical Practice Guideline for Postoperative Delirium in Older Adults. *J Am Geriatr Soc*, 2015; 63:142-50.

The American Geriatrics Society Expert Panel on Postoperative Delirium in Older Adults. Postoperative delirium in older adults: Best practice statement from the American Geriatrics Society. *J Am Coll Surgeons*, 2014 (on line); doi:10.1016/j.jamcollsurg.2014.10.019

New SN, Huff DC, Hutchison LC, Bilbruck TJ, Ragsdale PS, Jennings JE, Greenfield TM. Integrating Collaborative Interprofessional Simulation into Pre-licensure Healthcare Programs, Nursing Education Perspectives, 2015; 36: 396-7. doi:10.5480/13-1108

Richards KC, Bost JE, Rogers VE, Hutchison LC, Beck CK, Bliwise D, Kovach CR, Cuellar N, Allen RP. Diagnostic Accuracy of Behavioral, Activity, Ferritin, and Clinical Indicators of Restless Legs Syndrome. *Sleep*, 2015; 38(3):371-380

King A, Erickson S, Payakachat N, Hutchison LC, Said Q. Self-reported plan switching in Medicare Part D: 2006-2010, *Am J Pharmacy Benefits*. 6(6):e157-e168. Published online March 2, 2015

Brown J, Li C, Painter J, Hutchison LC, Martin BC. Predictive Validity of Inappropriate Prescribing Criteria for Adverse Drug Events, Hospitalizations, and Emergency Department Visits: A Time-To-Event Comparison of the Beers and Stopp Criteria. *Value Health*, 2014; 17:A505.

Hayes C, Hutchison LC. Development and evaluation of a student-led Medicare Part D Planning Clinic. *Consultant Pharmacist*, 2013; 28:237-42

Hutchison, Lisa C. "Drug Interactions and Functional Status in Older Adults." *Encyclopedia of Lifestyle Medicine and Health*. Ed. James M. Rippe, MD. Thousand Oaks, CA: SAGE, 2012. 919-36. *SAGE Reference Online*. Web. 15 Mar. 2012.

Hutchison LC, Castleberry A. The pharmacist's new role as part of an interdisciplinary care team. *Generations*, Winter, 2011-12. 35:62-68.

Hutchison LC. Why pick on propoxyphene? The evidence demands it! *J Ark Med Soc*, 2010; 107:36-7.

Hutchison LC. Pharmacist approach to geriatrics. *Am J Lifestyle Med*, 2010; 4:267-74. (Invited review)

American College of Clinical Pharmacy (Written by the 2003 Public and Professional Affairs Committee: Hatton RC, Chavez ML, Jackson E, Maury J, Barriere SL, Couchenour R, Evens RP, Gunning K, Hume AL, Hutchison LC, Matzke GR, Noviasky JA, Rospond RM, Kelloway JS, Stevens JG, Vanderveen P, Verme-Giboney CN, Walters D.) Pharmacists and industry: Guidelines for ethical interactions. *Pharmacotherapy*, 2008; 28: 410-20.

Hutchison LC. Medicare Part D. In: Dunsworth T, Richardson M, Chant C, et al. *Pharmacotherapy Self-Assessment Program, 6<sup>th</sup> Edition, Book 4 Science and Practice of Pharmacotherapy*. American College of Clinical Pharmacy (Kansas City, MO) 2007:83-98.

Hutchison LC, O'Brien C. Changes in Pharmacokinetics and Pharmacodynamics in the Elderly Patient. *J Pharm Prac*, 2007; 20(1):4-12.

Hutchison LC. The Pharmacist and the Medicare Modernization Act: Beauty and the Beast? *Consultant Pharmacist*, 2007; 22:57-9. (Editorial)

Viegas SM, Richards KC, Beck CK, Lambert CW, O'Sullivan PS, Cole CS, Hutchison L, Shue VM. Predictors of daytime sleep of nursing home residents with dementia. *J Am Psychiatr Nurses Assoc*, 2006; 12(5): 286-93.

Hutchison LC, Jones SK, West DS, Wei JY. Assessment of Medication Management in the Elderly with Two Standardized Assessment Tools. *Am J Geriatric Pharmacother*, 2006; 4:144-153.

Hutchison LC, Williams K, Riggs A. A Tool to Potentially Reduce Medication-Related Falls. *Long-Term Care Interface*; 2004; 5(11):31-35.

Hutchison LC. Health and Public Policy as it Affects Seniors. In: *Pharmacotherapy Self-Assessment Program, 5<sup>th</sup> Edition, Book 4 Geriatrics/Special Populations*. American College of Clinical Pharmacy (Kansas City, MO), 2004; pp71-90.

Calais KA, Hutchison LC, Elliott ME, Ives TJ, Zillich AJ, Poirier T, Townsend KA, Woodall B, Feldman S, Raebel MA. Healthy People 2010: Challenges, Opportunities, and a Call to Action for America's Pharmacists. *Pharmacotherapy*, 2004; 24(9):1241-1294.

Hutchison LC. Antimicrobial Therapy and Resistance in Dermatologic Pathogens of the Elderly. *Dermatologic Clinics of North America*, 2004; 22:63-71.

Hutchison LC, Norman, RA. Antibiotics and resistance in dermatology: focus on treating the elderly. *Dermatologic Therapy*, 2003; 16:206-13.

Hutchison LC, Liem PH. Mirtazapine and Bone Marrow Suppression. *J Amer Ger Soc*, 2001; 49:1129-30. (Letter)

Bradley CL, Hutchison LC, Murdock JA, Rawlins LJ, Shoppach DR. Costs and effects of switching H-2 receptor antagonists. *Veterans Health Systems Journal*, 1997; pp 25-28.

Santiago ME, Rickman HS, Hutchison LC. Training and Credentialing for Pharmacists in an Anticoagulation Clinic. *Federal Practitioner*, 1997; September: 35-36, 38 & 44.

Hutchison LC, Wolfe JJ, Padilla CB, Forrester CW. Clinical privileges for pharmacists. *Am J Hosp Pharm*, 1992; 49:1422-4.

Hutchison LC. Pharmacists: Qualified reviewers. *Hosp Physician*, 1988; 24:13. (Letter)

Johnson DF and Hutchison LC. Drug approvals. *VA Practitioner*, 1987; 4:15-16

#### Continuing Education Publication

Hutchison LC, ed. *Lipoprotein Metabolism and Atherosclerosis: Indications for Treatment*. Revised edition, 1994. Bristol-Myers Squibb Company.

#### Electronic Publications

Harris M, DeClerk L, Hutchison L, DeGravelles PV, Schafer P, Mendiratta P, White L, Lefler L, Rooker J, Kelly MA. Nurse-Led Interprofessional Depression Screening and Older Adults: Three Simulations and Faculty Toolkit. *MedEdPORTAL*. *submitted*

Hutchison LC. Examining Pseudobulbar Affect in Long Term Care: What Consultant Pharmacists Need to Know. *PowerPak Monograph*, August 31, 2018. <https://www.powerpak.com/course/preamble/117094>

Hutchison L, Berryman S, Bilbruck T, Johnson S. Saving Red's Toe: Fostering Interprofessional Collaboration in Assessment and Care Planning. *MedEdPORTAL*; 2014. Available from: [www.mededportal.org/publication/9768](http://www.mededportal.org/publication/9768)

American Geriatrics Society Panel on Post-operative Delirium in Older Adults. American Geriatrics Society Clinical Practice Guideline for Postoperative Delirium in Older Adults” with the American Geriatrics Society Expert Panel on Postoperative Delirium in Older Adults. [http://geriatricscareonline.org/ProductAbstract/postoperative\\_delirium/CL018/?param2=search](http://geriatricscareonline.org/ProductAbstract/postoperative_delirium/CL018/?param2=search)

#### Abstracts

Byrd K, Bailey B, Johnson J, DeYoung O, Hutchison L. Development and Implementation of a PGY2 Population Health Management and Data Analytics Pharmacy Residency Program. American Society of Healthsystem Pharmacists Midyear Clinic Meeting. December 7, 2022.

An SY, Hutchison LC. Comparison of tramadol and oxycodone safety profiles for acute pain management in a geriatric clinic. American Geriatrics Society Annual Meeting, May 2022, Orlando, FL (2<sup>nd</sup> place award, resident research)

An SY, Hutchison LC. Comparison of tramadol and oxycodone safety profiles for acute pain management in a geriatric clinic. ASHP Midyear Clinical Meeting. December 8, 2021

DeGravelles P, Hutchison L, Mendiratta P, Anders M. Clyde Jenkins: IPE simulation on transitional care of the older adult. UAMS Simulation Research Day.

2019 Teach the Teacher Symposium. deGravelles P, Mendiratta P, Hutchison L. “Techno Clyde”: Improving student attitudes and comfort toward geriatric care using a telemedicine enhanced IPE geriatric simulation. January 25, 2019, Little Rock, AR

Arkansas Association of Healthsystem Pharmacists Fall Seminar. Ho K, Hutchison LC. Medications Used in a Green House Project and a Traditional Nursing Home. Oct 12, 2018

National Center for Interprofessional practice and Education Nexus Summit 2018. Harris M, Declerk L, Hutchison LC, Lefler L, White L, Schafer P. Lessons Learned: The Use of Innovative Technology in Interprofessional Curriculum for Care of Rural and Underserved Older Adults with Late-life Depression, July 31, 2018, Minneapolis, MN

Stefanik M, Mendiratta P, Bizzell A, Hutchison L. Apixaban in Heparin-Induced Thrombocytopenia (HIT). American Geriatrics Society Annual Meeting 2018. May 4, 2018, Orlando, FL (2nd place award, Case Series & Case Studies category)

Harris M, Declerk L, Hutchison L, Mendiratta P, DeGravelles P. Innovation in Interprofessional Learning Activities: Student Video Production on Late-Life Depression. American Geriatrics Society Annual Meeting 2018. May 3, 2018, Orlando, FL (Poster and Platform)

Harris M, Declerk L, Hutchison L, Mendiratta P, de Gravelles P. Innovative incorporation of remote site standardized patient simulation into interprofessional (IPE) curricula. American Geriatrics Society. Orlando, FL. May 2018. (poster)

American Geriatrics Society Annual Meeting 2018. DeGravelles PV, Mendiratta P, Hutchison L, Yusuf MS, Beasley B. "Techno Clyde": Using a Telemedicine Enhanced IPE Geriatric Simulation to Improve Student Attitudes and Comfort Towards Care of the Geriatric Population. May 3, 2018, Orlando, FL (Poster and Platform)

Arkansas Association of Healthsystem Pharmacists Fall Seminar. Bizzell AC, Hutchison LC. Characteristics of antibiotic use in a long-term care facility. Sept 30, 2016 (Honorable mention award)

Arkansas Association of Healthsystem Pharmacists Fall Seminar. Grunewald N, Hutchison LC, Payachachat N. Prescribers' attitudes on off-label prescribing in geriatric patients. Sept 30, 2016; Also presented at UAMS Student Research Day April 11, 2016, Geriatrics/LTC Update September 2016.

American College of Clinic Pharmacy Virtual Poster Session. Hawthorne J, Jones K, Payachachat N, Hutchison LC. Growth in experience and level of comfort with research design and implementation demonstrated by PGY1 residents in Arkansas. May 2016

ISPOR Annual European Congress. Brown J, Li C, Painter NT, Hutchison LC, Martin B. Predictive validity of inappropriate prescribing criteria for adverse drug events, hospitalizations, and emergency department visits: A time-to-event comparison of the Beers and STOPP criteria. November 11, 2014, Amsterdam, The Netherlands

ISPOR Annual International Meeting. Potukuchi PK, Martin B, Johnson JT, Hutchison LC, Bursac Z, Said Q. Treatment Patterns of Urinary Incontinence in the Presence of Comorbidities. June 4, 2014 Montreal, Canada

ISPOR Annual International Meeting. Potukuchi PK, Johnson JT, Martin B, Hutchison LC, Bursac Z, Said Q. Impact of Arthritis and Other Comorbidities on Incidence of Urinary Incontinence: A Case Control Study. June 4, 2014 Montreal, Canada

ISPOR Annual International Meeting. Brown J, Painter J, Li C, Hutchison LC, Martin B. Adverse Drug Events in the Elderly Occurring in Emergency, Inpatient and Outpatient Departments in an Administrative Claims Database. June 3, 2014 Montreal, Canada

Arkansas Nursing Association State 2012 Centennial Convention. Berryman SN, Hutchison LC, Bilbruck TJ. October 12, 2012. Interprofessional Simulation Experience. Little Rock, AR. Podium Presentation



AAHP Fall Seminar. Grimsley M, Hutchison LC. Prevalence of Hospitalized Elderly Patients Taking Beers or STOPP Explicit Criteria Medications Oct 4, 2012, Hot Springs, AR.

American Geriatrics Society Annual Meeting. Simulation Fosters Interprofessional Skills among Nursing, Pharmacy and Medical Students. Hutchison LC, Ragsdale PS, Berryman SN, Bilbruck TJ. May 4, 2012, Seattle, WA.

American Geriatrics Society Annual Meeting. Simulation Fosters Interprofessional Skills among Nursing, Pharmacy and Medical Students. Hutchison LC, May 5, 2012, Seattle, WA. Teacher Swap Podium Presentation

UAMS Nursing Research Day. Berryman SN, Ragsdale PS, Hutchison LC, Bilbruck TJ, Huff DC, Jennings J, Lofton T, Rainey LM. Interprofessional Simulation Experience. Little Rock, AR. Poster 2012

Hutchison LC, Ragsdale PS, Berryman SN, Bilbruck TJ. Simulation fosters interprofessional skills among nursing, pharmacy and medical students. American Geriatrics Society, Seattle, WA, May 4, 2012.

Hutchison LC & Obrien C. Cross-sectional study of gabapentin for sleep. American College of Clinical Pharmacy, Austin, TX, October 20, 2010.

Cutsinger D, Hutchison, LC. Reducing propoxyphene use at a longevity clinic: a quality improvement initiative. American College of Clinical Pharmacy, Austin, TX, October 18, 2010.

Franks AM, Mooney LA, Stewart KE, Stowe CD, Hutchison LC, Gubbins PO, Gardner SF. A combined pharmacy practice residency / Master of Public Health postgraduate program. *Pharmacotherapy* 2010;30(10):433e [abstract 239, platform presentation]. 2010 American College of Clinical Pharmacy Annual Meeting. October 18, 2010. Austin, Texas.

Enderlin CA, Harris ML, Hays NP, Hutchison LC. An innovative approach to teaching geriatric nutrition in baccalaureate nursing. UAMS Nurse Educator Conference, Little Rock, AR, June 2008

Hutchison LC, Hong SH. Risk for delirium associated with medications in nursing home residents with and without dementia. American College of Clinical Pharmacy, St. Louis, MO, October 25-29, 2006

Vanderbush RE, Johnson JA, Hutchison LC, West DS. Use of an Audience Response System in Continuing Education 107<sup>th</sup> Annual Meeting of the American Associations of Colleges of Pharmacy, San Diego, CA, July 9-12, 2006

Kajkenova O, Wei JY, Hutchison LC. Prevalence of serum creatine kinase elevation in healthy community dwelling elderly. 2006 Annual Scientific Meeting of the American Geriatrics Society, Chicago, IL, May 4, 2006

Hutchison LC, Beverly CJ and Lovett SC. Arkansas outreach program for the Medicare drug discount card. American College of Clinical Pharmacy Annual Meeting, San Francisco, CA, October 25, 2005

Hutchison LC, Jones SK, West DS. Assessment of Medication Management in the Elderly. 2<sup>nd</sup> ACCP-ESCP International Congress on Clinical Pharmacy Joint Meeting, Paris, France, April 28-30, 2004.

Johnson JL, Hutchison LC. Drug Use in Demented Elderly Nursing Home Residents: A Baseline Medication Review. ASHP Midyear Clinical Meeting, New Orleans, LA, December 4, 2001.

Hutchison LC. Mortality rates from adverse drug reactions in the United States 1981 to 1998. ACCP Annual Meeting, Tampa, FL, October 24, 2001.

Nguyen HT, Adler LM, Hutchison LC, Bradley BL. Justification and Implementation of a chart drug list with cost data in a 1500-Bed community hospital system. ASHP Midyear Clinical Meeting, Las Vegas, NV, December 4, 2000

Nguyen HT, Adler LM, Bradley BL, Hutchison LC. Justification and Implementation of an outpatient treatment program for deep vein thrombosis using enoxaparin in a 1500-bed community hospital system. ASHP Midyear Clinical Meeting, Las Vegas, NV, December 5, 2000

Fagan YM, Hutchison LC, Lloyd L, Montgomery J, Newman S. Improvement of an existing adverse drug reaction (ADR) reporting system in a community hospital. ASHP Midyear Clinical Meeting, Las Vegas, NV, December 5, 2000

Ray CB, Hutchison LC, Ha HS. Drug-use evaluation of 2b/3a inhibitors in percutaneous coronary intervention. ASHP Midyear Clinical Meeting, Orlando, FL; December 6, 1999

Neel SA, MacKinnon NJ, Hutchison LC, Hepler CD. Validation of operational definitions of preventable drug-related morbidity. International Congress on Clinical Pharmacy, Orlando, FL; April 13, 1999

MacKinnon NJ, Hepler CD, Hutchison LC, Garrett P. Developing consensus on definitions of preventable drug-related morbidity using the Delphi technique. International Congress on Clinical Pharmacy, Orlando, FL, April 13, 1999

Hutchison LC. Evaluation of ReoPro Use. ACCP Annual Meeting, Phoenix, AZ, November 11, 1997

Lumpkin AR, Hutchison LC. Impact of an interdisciplinary warfarin patient education program. ACCP Spring Practice and Research Forum, Panama City, FL, April 8, 1997

Hutchison LC, Brokovich M, Kirkham J, Vandervoort R, Edmonds K. Clinical privilege program for pharmacists in an integrated healthcare system. ASHP Midyear Clinical Meeting, December 10, 1997

Stephens L, Hutchison LC, Wingfield CL. Effect of canceling prescriptions upon hospital admission. ASHP Midyear Clinical Meeting, December 11, 1996

Bradley CL, Murdock JA, Hutchison LC, Rawlins LJ, Shoppach RD. Costs and effects of switching histamine 2 receptor antagonists. ASHP Midyear Clinical Meeting, December 11, 1996

Caldwell JS, Hutchison LC, Richardson RF. Decision to undertake a mid-career residency. ASHP Midyear Clinical Meeting, December 7, 1993

Rickman HS, Richardson RF, Lasseigne PW, Hutchison LC, Johnson DF, Forrester CW. Pharmacist intervention in choice of Angiotensin Converting Enzyme Inhibitors. ASHP Midyear Clinical Meeting, December 11, 1991

Santiago ME, Rickman HS, Hutchison LC. Training and credentialing for pharmacists in an anticoagulation clinic. ASHP Midyear Clinical Meeting, December 10, 1991

Wolfe JJ, Hutchison LC, Padilla CB, Johnson DF, Forrester CW. Clinical privileges: a peer process for certifying credentials and assigning practice responsibilities. ASHP Midyear Clinical Meeting, December 12, 1991

Hutchison LC, Johnson DF, Forrester CW. Pharmacist team approach to integrated pharmacy services. ASHP Midyear Clinical Meeting, December 8, 1988

Hutchison LC, Womack W. Polypharmacy in a Veterans Administration ambulatory care clinic, ASHP Midyear Clinical Meeting, December 7, 1987

### NON-REFEREED

#### Journals/Newsletters

Arkansas Geriatric Education Collaborative /Arkansas Geriatric Workforce Enhancement Program Quarterly Newsletter (formerly known as Arkansas Geriatric Education Center Vision Newsletter) Column Contributor, 2003-present

- Hutchison LC. Management of Weight Loss in Hospitalized Older Adults. Fall, 2022  
Byrd K, Hutchison, LC. Choosing Wisely: Focused Recommendations to Improve Deprescribing Practices. Summer, 2022  
Emison S, Hutchison LC. Home medication management. Spring, 2022  
An SE, Hutchison LC. Taking a deeper look at aducanumab. Winter, 2022  
Dunn A, Hutchison LC. Antipsychotic continuation after ICU and hospital discharge. Fall, 2021  
Malloy M, Hutchison LC. Continuous glucose monitoring: potential benefits in Type 2 diabetes mellitus. Summer, 2021  
Stockton K, Hutchison LC. Aspirin for primary prevention in older adults. Spring, 2021  
Walsh TR, Hutchison LC. Beyond diabetes: use of antidiabetic agents in heart failure. Winter, 2020  
Jensen C, Hutchison LC. Over the Counter Topical Agents for Arthritis Pain. Fall, 2020  
Harrington H, Hutchison LC. Lemborexant: Is it the Newest Wonder Drug for Insomnia in the Elderly? Summer 2020  
Hutchison LC. Polypharmacy: Definition, Causes, and Solutions, Spring 2020  
Calderon B, Oguh J, Hutchison LC. What's New in the 2019 Guidelines for Community-Acquired Pneumonia? Winter, 2020  
Albanese SG, Hutchison LC. To sleep or not to sleep? Management of insomnia in the elderly. Fall, 2019.  
Briggler R, Hutchison LC. Drug-induced Parkinsonism in Older Adults. Summer 2019  
Kumaran S, Hutchison LC. Melatonin prophylaxis for delirium. Spring 2019  
Cummins K, Hutchison LC. High-risk over-the-counter medications for older adults. Winter 2019  
Quattlebaum H, Hutchison LC. Mitigating Risk of Intracranial Hemorrhage while using Blood Thinners. Fall, 2018  
Bogoslavsky K, Hutchison LC. Andexanet Alfa: Newly Approved Reversal Agent for Oral Anticoagulants. Summer, 2018  
McPhee A, Hutchison, LC. 2017 New Herpes Zoster Vaccine. Fall 2017  
Bizzell A, Hutchison LC. Antidiabetic Medications in Older Adults. Summer, 2017  
Daniel A, Hutchison LC. Parkinsons disease psychosis: Options for treatment. Spring, 2017  
Grunewald N, Hutchison. Idarucizumab: the new dabigatran reversal agent. Winter, 2016  
Hanner J & Hutchison. Pneumococcal vaccination schedule for the elderly. Summer, 2016  
Pruett B & Hutchison. 2015 Beers criteria nitrofurantoin recommendation, Spring 2016  
Scott M & Hutchison. New oral anticoagulants in older adults. Fall 2015.  
McDowell J & Hutchison. Drugs that cause unintentional weight loss in elderly patients. Summer, 2015.  
Dinnsmore H, Hutchison LC. New Generic Celecoxib: Risks in Older Adults. August 2014  
Wang QA, Hutchison LC. Vitamin E and Alzheimer's Disease. May 2014

- Merrell K, Hutchison LC. Cholinesterase inhibitors in behavioral & psychological symptoms of dementia (BPSD) of Alzheimer's Disease. Fall 2013
- Davis R, Hutchison LC. Choosing the best opioid for pain management in the older adult. Spring 2013
- Green L, Hutchison LC. Rotigotine transdermal system: It's back. Winter 2013
- Morrow C, Hutchison LC. Statins and Cognitive Functioning. Fall 2012
- Crawford CB, Hutchison LC. Tools to identify inappropriate medications in elders. Summer 2012
- Kaye C, Hutchison LC. Which drug to prevent breast cancer recurrence? Spring 2012
- Holland B & Hutchison LC. DM/Q for the treatment of pseudobulbar affect. Winter 2012.
- Price D & Hutchison LC. Metoclopramide and tardive dyskinesia. Fall, 2011
- Wilson M & Hutchison LC. Management of insomnia in the elderly. June 2011
- Silvestri C & Hutchison LC. Proton pump inhibitors and the risk of hip fractures. April 2011
- Pridgin N & Hutchison LC. Switching prostaglandin analogs in the treatment of glaucoma. October 2010
- Tinsley N & Hutchison LC. Urinary incontinence, July 2010
- Vertino T & Hutchison LC. Glucocorticoid-induced osteoporosis. June 2010
- Lands M & Hutchison LC. Megestrol acetate and mirtazapine and their use in weight gain in the elderly. January 2010
- Mooney L & Hutchison LC. H1N1 Flu and Elderly Patients, October 2009
- Williamson, J & Hutchison LC. A Comparison of clopidogrel to a fixed combination of aspirin and Extended-release dipyridamole in stroke patients: The ProFESS trial. July 2009
- Maris J & Hutchison LC. Statin Use and Dementia, April 2009
- Pruett A & Hutchison LC. Benzodiazepine Withdrawal Syndrome. January 2009
- Hayes EB & Hutchison LC. Serotonin Syndrome in the Elderly, October 2008
- Boeckmann S & Hutchison LC. Once Yearly Treatment Option for Osteoporosis, July 2008
- Dickson H & Hutchison LC. New Vaccine to Prevent Shingles in the Elderly, January 2008
- Meacham JK & Hutchison LC. Rasagiline: New Treatment for Parkinson's Disease, Oct 2007
- O'Brien C & Hutchison LC. New Fish Oil Preparation for Elevated Triglycerides, July 2006
- Green S & Hutchison LC. Eszopiclone: A New Kind of Hypnotic, April 2006
- Wiley PY & Hutchison LC. The Lidocaine Patch: A Novel Approach to Post-herpetic Neuralgia, January 2006
- Bell S & Hutchison LC. Long-acting Insulin Determir, October, 2005
- Hensley H & Hutchison LC. Safety Concerns with COX-2 Selective NSAIDs, July 2005
- Richardson W & Hutchison LC. Duloxetine: Risks to Consider in Elderly Patients, April 2005
- Graham A & Hutchison LC. Treatment of Chronic Dry Eye, January 2005
- Boone J & Hutchison LC. Telithromycin: The First Approved Ketolide Antibiotic, October 2004
- Brantley-Findley C & Hutchison LC. Drug Therapy for Overactive Bladder, July 2004
- Hutchison LC. Drug Discount Cards, April 2004
- Hall SJ & Hutchison LC. Memantine for Moderate to Severe Alzheimer's, January 2004
- Hix M & Hutchison LC. Cholinesterase Inhibitors for Dementia, October 2003
- Aging Arkansas (later named Mature Arkansas), RX News Column Contributor, 2009-2013
- Mason H, Hutchison LC. Vitamin B12 Deficiency: Could It Be Affecting You? March 2013
- Gray N & Hutchison LC. A Game of Cramps. June 2011
- McHan J & Hutchison LC. Dry Skin: A Common Complaint in Winter. January 2011
- Hutchison LC. Cold Medicines Affect Blood Pressure. December 2010
- Adams L & Hutchison LC. The Perils of Common sleep Aids, October 2010
- Cutsinger D & Hutchison LC. Propoxyphene: A drug to avoid. July 2010
- Hutchison LC. Medications can make you fall. March 2010
- Smith CL & Hutchison LC. Using acetaminophen safely. December 2009
- Mooney L & Hutchison LC. Swine flu: what you need to know. October 2009

Generations (The Reynolds Institute on Aging Newsletter for Healthy Living), 2005-2009

Holladay A & Hutchison LC. Hypertension and Cold Medicine. Winter 2009  
Bartrow N & Hutchison LC. Grapefruit Juice and Its Many Interactions. Summer 2008  
Ruff J & Hutchison LC. Seasonal Allergies in the Elderly. Winter 2008  
Mitchell RB & Hutchison LC. Medicare Part D: Switching Plans during "Open Season" Fall 2007  
McDowell W & Hutchison LC. Drugs and Summer Heat: What you need to know! Summer 2007  
Kremers V & Hutchison LC. Facts about the Flu. Spring 2007  
Wheeler A & Hutchison LC. G.E.T. the Right Drug Plan! Winter 2006  
Boudreaux L & Hutchison LC. Drugs that Don't Mix with Sunshine, Spring 2006  
Hutchins C & Hutchison LC. Generic or Brand-Name Medications: What are the Differences?  
Fall 2006  
Hutchison LC. The ABC's of Medication Storage, Winter 2005  
Hutchison LC. Herbal Remedies are Medications Too! Fall 2005

Ozdemir B, Hutchison LC. Chemoprevention reduces breast cancer risk. Today's Geriatric Med, 2013; 6 (5):20

Hutchison LC & Bartrow N. Grapefruit Juice and Drug Interactions. Elderfocus, January-March 2009

Hutchison LC. Old Age: A Valid Excuse for Undertreatment? Heart Monitor, 2002; 2:2-4.

Bradberry JC, Srnka QM, Hutchison LC. Pharmacist-assisted self-care to lower lipid levels and CHD risks. Pharm Times, 2002; 68: 50, 52, 54, 56.

Hutchison LC. The Dangers of Mixing Medications. Lifeline, 1997; 5: 1-2.

Hutchison LC. Drug use evaluation strategies for cholesterol lowering therapies. Fat Facts, 1994. 2:1-2.

Hutchison, LC. Facing the Fat: Hyperlipidemia Screening and Treatment. Clinical Pharmacy Newswatch, 1995; 2:1-6.

Carter CA, Wojciechowski NJ, Skoutakis VA and Hutchison LC. Choice of tetracycline drugs. Drug and Therapeutics Letter, 1983; 2(6):1-7

## RESEARCH INVOLVEMENT

### Funded, Investigator Initiated

Accelerating Interprofessional Community-Based Education and Collaboration for Older Persons with Mental Health Disparities. Co-investigator, Co-funded by John Hartford Foundation and Josiah Macy Foundation, \$100,000

Saving Red's Toe: Fostering Interprofessional Collaboration in Assessment and Care Planning, Principal investigator. Interprofessional Education Collaborative development grant funded by the Josiah Macy Foundation

Diagnosis of Restless Legs Syndrome in Elders with Memory Disorders. NIH 2007: WBSE G1-33123-01. Consultant.

Adherence to medications: Older women with coronary heart disease. Co-investigator, \$20,000.

Statin-induced Muscle Symptoms in the Elderly, University of Arkansas for Medical Sciences, \$120,000. Co-investigator.

Risk for Delirium Associated with Medications in Residents with Dementia in Long-Term Care, University of Arkansas for Medical Sciences, \$25,000. Principal investigator

Evaluation of the time course of adrenal suppression and adrenal recovery after ingestion of megestrol acetate. University of Arkansas for Medical Sciences, \$27,000

Randomized, blinded study of metabolic and biochemical changes associated with mild hypothyroidism. University of Arkansas for Medical Sciences, \$50,000. Co-investigator

Arkansas Medicare Prescription Benefits Leadership in Education. University of Arkansas for Medical Sciences, \$49,427, Project director.

Assessment of Medication Management in the Cognitively Impaired Elderly, University of Arkansas for Medical Sciences, 2003-2004, \$15,000. Principal investigator

Risk Assessment involving Medications in Long-Term-Care Facilities, University of Arkansas for Medical Sciences, 2002, \$2000. Principal investigator

Drug Use in Demented Elderly Residents of Nursing Homes. 2001, \$4000. Co-investigator

Drug Therapy Risk Assessment and Management Program. Florida Hospital Premier Care and University of Florida, 1998-99. \$20,000. Co-investigator

Implementation of Pharmaceutical Care in VA Medical Centers Utilizing Managed Care Principles, \$30,000. Little Rock VA Medical Center, 1995-96. Co-investigator

The Impact of the HeartNow Program on Patient Compliance to Colestipol Therapy and Effect on Serum Cholesterol Levels, \$6250. Little Rock VA Medical Center, 1995-96. Co-investigator

The Impact of Pharmaceutical Care on Patient Outcomes: A Randomized, Parallel, Open-Label Evaluation of Veterans Affairs Patients with Chronic Obstructive Pulmonary Disease (COPD). Little Rock VA Medical Center, 1994-95. Principal investigator

The Impact of Pharmaceutical Care on Patients Outcomes: A Randomized, Parallel, Open-Label Evaluation of Veterans Affairs Hypertension Patients on Dihydropyridine Monotherapy. Little Rock VA Medical Center, 1994-95. Co-investigator

Cost Avoidance Achieved with Replacing Cefoxitin with Cefotetan, \$1500, Little Rock VA Medical Center, 1991. Principal investigator

#### Funded, Industry Initiated

GLORIA – AF: Global Registry on Long-Term Oral Anti-thrombotic Treatment In Patients with Atrial Fibrillation (phase II/III), Boehringer-Ingelheim University of Arkansas for Medical Sciences. Co-investigator.

Randomized Evaluation of Long term anticoagulant therapy (RE-LY) comparing the efficacy and safety of two blinded doses of dabigatran etexilate with open label warfarin for the prevention of stroke and systemic embolism in patients with non-valvular atrial fibrillation: prospective, multi-centre, parallel-group, non-inferiority trial (RE-LY). University of Arkansas for Medical Sciences. \$34,515. Co-investigator.

A Long-term Open-label, safety trial of pregabalin in patients with fibromyalgia. University of Arkansas for Medical Sciences. \$8,000. Co-investigator. 2005-06

A 13 Week, Randomized, Double-blind, Placebo-controlled, Monotherapy trial of Pregabalin (BID) in Patients with Fibromyalgia. University of Arkansas for Medical Sciences, 2005. \$6,000, Co-investigator.

A Randomized, Double-blind, placebo-controlled study to assess changes in physical function in elderly patients with Anemia of Chronic Disease (ACD) receiving Procrit. University of Arkansas for Medical Sciences, 2005. \$6,000, Co-investigator.

Hypertension Optimal Therapy International Study, \$19,000. Little Rock VA Medical Center. 1995. Co-principal investigator

An Open Label Study of Fluvastatin in the Treatment of Patients with Hypercholesterolemia in Clinical Practice Settings, \$7200. Little Rock VA Medical Center, 1993-94. Co-investigator

The Safety and Efficacy of Cardizem CD vs Procardia XL in Hypertensive Patients-A Post-marketing Surveillance Study, \$1850. Little Rock VA Medical Center, 1992. Co-principal investigator

Patient Risk Factors for Gram Negative Sepsis, Drug Surveillance Network, \$1825. Little Rock VA Medical Center, 1991. Principal investigator

#### Unfunded—Student/Resident Projects

Comparison of tramadol and oxycodone safety profiles for acute pain management in a geriatric clinic. 2021-2022

A Survey of Pharmacy Residency Program Directors' perception of and satisfaction with the Research Certificate Program. 2021-2022

Effect of COVID-19 on the Quality of Care Provided to warfarin Patients in a Geriatrics Primary Care Clinic. Co-investigator 2020-21.

Pharmacist-Led Intervention for Deprescribing Aspirin in a Geriatric Primary Care Clinic. Co-investigator, 2019-20.

Description of Medications Used in a Greenhouse Project and a Traditional Nursing Home. Co-investigator, 2017-19

Effect of Gabapentin on Acute Postoperative Pain and Opioid Consumption in the Geriatric Population. Co-investigator, 2016-17.

Growth in Research Knowledge and Experience during PGY1 Pharmacy Practice Residency Training, Co-investigator, 2015-present

Prescriber's attitudes on off-label prescribing in Geriatric Patients, Co-investigator, 2015-2016

Characteristics of Antibiotic Use in a Long-Term Care Facility to Inform Future Antimicrobial Stewardship Activities, Co-investigator, 2015-19

Assessment of the Effectiveness and Outcomes of Comprehensive Medication Reviews of Elderly Patients at the Thomas and Lyon Longevity Clinic, Co-investigator, 2014-2015

Retrospective Study comparing Beers' and STOPP/START Explicit Medication Use Criteria in the Elderly Patient. Co-investigator, 2011-2013.

Reducing Propoxyphene Use at a Longevity Clinic: A Quality Improvement Initiative. Co-investigator, UAMS, 2010.

Cross-sectional Study of Trazadone, Gabapentin or Mirtazapine for Sleep In Elderly Patients. UAMS, Principal investigator

Utility of an Audience Response System in Continuing Education. UAMS, 2005. Co-investigator

Patient Satisfaction and Outcomes with a Pharmacist Conducted Brown Bag Program. Florida Hospital, 1997-98. Co-investigator

Comparison of Three Vancomycin Dosing Methods in an Elderly Population. Little Rock VA Medical Center, 1990-92. Co-investigator

Clinical Pharmacy Resident Project: Double-blind Crossover Trial to Evaluate the Effect of Amitriptyline on Diabetic Peripheral Neuropathy. Memphis VA Medical Center, 1983-1984.

Pharm.D. Student Project: Prediction of Creatinine Clearance Based on Lean Body Mass: Correlation to Gentamicin Clearance in Children with Cancer. St. Jude Childrens Research Hospital, 1981-1983.

Submitted, Not Funded

Reducing Adverse Events from Polypharmacy in Nursing Homes, (co-investigator) with AFMC; AHRQ, 2021-22

BHW: Nurse education, practice, quality and retention interprofessional collaborative practice. #173009 (co-investigator) HRSA Regional Difference in Pharmacy Care Quality and Health Status among Older Adults (co-investigator) NIH

Geriatrics-Focused Interprofessional Training (G-FIT) in the Patient Centered Medical Home (PCMH) Model. (Co-investigator) Donald W. Reynolds Foundation

Take Control of Your Heart program, co-investigator; AstraZeneca

Saving Red's Toe: Fostering Interprofessional Collaboration in Assessment and Care Planning, Principal investigator. Interprofessional Education Collaborative funded by the Josiah Macy Foundation

Medication and dietary supplement Education Drives Informed Choices (MEDIC), Arkansas Tobacco Settlement Commission, Project Director

Identifying Medicare Beneficiaries in Arkansas Eligible for Extra Help with Medicare Part D, National Council on Aging and The Access to Benefits Coalition (ABC), Project Director

Investigating the Relationship between Health Literacy and Medication Belief Processing in the Elderly, NIH, Co-investigator

Patient Valuation of Resource Variation Required for Quality MTM Services, AACP, 2006. Co-investigator.



Factors Associated with the Use of Dietary Supplements by Patients with Alzheimer's Disease. UAMS Memory Research Center, 2006. Principal investigator.

Technology-Enhanced Educational Program to Reduce Ineffective Use of Antipsychotic Medications in Nursing Home Residents with Dementia. CERT, 2005. Principal investigator.

Developing a Community Pharmacy Practice Model for Hypertension Medication Therapy Management Services to Improve Medication Adherence and Blood Pressure Control. UAMS, 2005 \$10,000. Co-investigator

Assessment of Medication Management in the Elderly, NIH, 2004, \$50,000. Principal investigator

Raloxifene in women with Alzheimer's Dementia: Randomized, controlled trial. NIH, 2003 \$1,463,220. Co-investigator

Building Interdisciplinary Geriatric Health Care, John A Hartford Foundation, 2002. \$200,000 over 2 years. Co-investigator.

Risk Assessment for Medications in Long Term Care Facilities, UAMS Medical Endowment Research Foundation 2001, \$10,000.

Collaborative Approach to Patient Safety, University of Arkansas for Medical Sciences, 2001. \$400,000 per year. Co-investigator.

## PRESENTATIONS

### Local

Curb Your Enthusiasm: Managing Caregiver Expectations in Senior Care. UAMS Geriatric Grand Rounds September 11, 2020

The 2018 Draft AGS Beers Criteria for Potentially Inappropriate Medication Use. UAMS Family Medicine Conference, November 13, 2018, Little Rock, AR

Drug-Drug Interactions: Why do they still happen? UAMS Geriatric Grand Rounds February 21, 2018

The Birth of a Guideline: Clinical Practice Guidelines for Post-operative Delirium, UAMS Geriatric Grand Rounds March 18, 2015

Beers Criteria for Potentially Inappropriate Medication Use. UAMS Family Medicine Conference, June 4, 2013, Little Rock, AR

Drug Safety: A National Patient Safety Initiative and the AFMC Focus, UAMS Geriatric Grand Rounds, September 1, 2010

Medications and Constipation. UAMS Geriatric Grand Rounds, April 22, 2009

Optimizing Medication Use in the Elderly Patient. St. Bernard's Hospital and the Northeast Center on Aging, Jonesboro, AR, August 19, 2008

Pharmacy Update: New Drugs and Vaccines. UAMS Geriatric Grand Rounds, October 24, 2007

Guilty Until Proven Innocent: Medication Effects on Cognition. UAMS Family Practice Noon Conference, March 15, 2005

The New Medicare Prescription Drug Benefit: Complexities of Coverage. Geriatric Grand Rounds, UAMS/Donald W. Reynolds Center on Aging, April 14, 2004

The New Medicare Prescription Drug Benefit: Complexities of Coverage. Health Research, Policy and Health Promotion Conference, UAMS/Arkansas Center for Health Improvement /Arkansas Dept of Health, April 6, 2004

Pharmacy and Aging, UAMS Family Practice Noon Conference, March 3, 2003

Adherence and Compliance in the Elderly. Department of Geriatrics Grand Rounds, UAMS/Donald W. Reynolds Center on Aging, Little Rock, AR, February 13, 2002

Treating Nicotine Addiction: The Changing Role of the Pharmacist. Moderator, Walt Disney Memorial Cancer Institute at Florida Hospital Seminar, Orlando, FL, January 27, 1997

Stand-Off of the Statins, VA Pharmacy Meeting, Chicago, Ill, June 5, 1996

Planned Changes in DUE Requirements from JCAHO, Central Arkansas Hospital Pharmacy Managers Association, October 17, 1990

#### State

Proposed Changes to the 2019 AGS Beers Criteria for Potentially Inappropriate Medication Use. 23<sup>rd</sup> Annual Geriatrics and LTC Update, September 17, 2022

Understanding Biosimilars. 22<sup>nd</sup> Annual Geriatrics and LTC Update, September 18, 2021

OTC Medicines: Which ones are Usually Good? 22<sup>nd</sup> Annual Geriatrics and LTC Update, September 18, 2021

Interprofessional Management of the Geriatric Patient: Case Presentation. 22<sup>nd</sup> Annual Geriatrics and LTC Update, September 18, 2021

Book Review: Happiness is a Choice You Make. 21<sup>st</sup> Annual Geriatrics and LTC Update, September 18, 2021

What's New with Old Drugs. 21<sup>st</sup> Annual Geriatrics and LTC Update, October 1, 2020

The Updated 2019 AGS Beers Criteria for Potentially Inappropriate Medication Use. 20<sup>th</sup> Annual Geriatrics and LTC Update, September 21, 2019

Beers Criteria Update Webinar. Arkansas Geriatric Education Collaborative, April 22, 2019

Drug-Drug Interactions: Why do they still happen? 19<sup>th</sup> Annual Geriatrics and LTC Update, Sept 22, 2018

The 2015 Updated AGS Beers Criteria for Potentially Inappropriate Medication Use, Geriatrics/LTC Update, Sept 27, 2015

Medications Associated with Delirium, Geriatrics/LTC Update Preconference Sept 23, 2015

Geriatric Pharmacotherapy, Arkansas Geriatric Education for Mentors and Scholars Summer Institute, Little Rock, AR, May 21, 2014

Videoteleconference Series: Patient Safety. Arkansas Geriatric Education Center, May 8, 2014, Little Rock, AR.

Parkinson's Disease: What's New? UAMS Arkansas Aging Initiative, April 11, 2014, Little Rock, AR.

Update on Pharmacy, Geriatrics, Nutrition, and Long-term Care Update, September 14, 2013, Little Rock, AR

Alzheimer's Videoteleconference Series: Pharmacologic Management. Arkansas Geriatric Education Center, January 25, 2013, Little Rock, AR.

Drug Therapy in the Aging Population: Undertreatment, Overtreatment and Suboptimal Prescribing. May 18, 2012; UAMS Family Medicine Update. Little Rock, AR.

Updated Beers Criteria for Potentially Inappropriate Medication Use in Older Adults. April 9, 2012; Little Rock, AR; Arkansas Foundation for Medical Care Learning & Action Network

Reducing Risks with OTC Medications in the Elderly. October 9, 2011, Little Rock, AR; UAMS COP

Working Collaboratively to Prevent Medication Errors, Arkansas Gerontological Association, Little Rock, AR October 7, 2011.

How to Say "No" to Drugs: Strategies to Improve Drug Therapy Quality, UAMS LTC and Geriatrics Conference, Little Rock, AR, September 15, 2011.

Immunizations in the Elderly. UAMS Arkansas Aging Initiative, Little Rock, AR; Sept 9, 2011

From Anemia to Zaps: Escalating our Knowledge of the SSRIs to a Higher Level. 129<sup>th</sup> Annual Convention, Arkansas Pharmacists Association, Little Rock, AR June 9, 2011.

Geriatric Pharmacotherapy, Arkansas Geriatric Education for Mentors and Scholars Summer Institute, Little Rock, AR, May 12, 2011

Drugs to Avoid in the Elderly: The WHY and the HOW. 30<sup>th</sup> Annual Arkansas Aging Conference, Hot Springs, AR, October 29, 2010.

Drug Therapy in the Aging Population: Undertreatment, Overtreatment and Suboptimal Prescribing. 14<sup>th</sup> Annual Family Medicine Update, Little Rock, AR, October 8, 2010

Drug Safety in the Elderly. Arkansas Geriatric Education Center Videoteleconference, Little Rock, AR, September 15, 2010

Optimizing Medication Use in Elderly Patients. Home Care Association of Arkansas Annual Meeting, Hot Springs, AR, June 4, 2009

Statins in the Elderly: How Safe and Effective are They? Geriatric Medicine Update: Cardiovascular Disease in Older Adults, Arkansas Geriatric Education Center, Little Rock, AR, February 21, 2009

Medications and Constipation. 7th Annual Symposium: Caring for Older Adults. Texarkana Regional Center on Aging, Texarkana, AR, February 7, 2009

Optimizing Medication Use in the Elderly Patient. Rural Hospital Program, Little Rock, AR, September 23, 2008

Optimizing Medication Use in the Elderly Patient. Arkansas Pharmacists Association 126<sup>th</sup> Annual Convention, Ridgedale, MO, June 12, 2008

Geriatric Pharmacotherapy, Arkansas Geriatric Education for Mentors and Scholars Summer Institute, Little Rock, AR, May 13, 2008

Drug Therapy for Memory Disorders: From the Laboratory to the Clinic. 2007 Arkansas Consultant Pharmacists Seminar, Little Rock, AR, October 7, 2007

Pharmacy Update: New Drugs and Vaccines. 9<sup>th</sup> Annual Geriatrics and Long-Term Care Update, Arkansas Medical Directors Association, Little Rock, Arkansas, October 5, 2007

Managing Polypharmacy in the Elderly. 8<sup>th</sup> Annual Geriatrics and Long-Term Care Update, Arkansas Medical Directors Association, Little Rock, Arkansas, October 5, 2006

Geriatric Pharmacotherapy, Arkansas Geriatric Education for Mentors and Scholars Summer Institute, June 6, 2006, Little Rock, AR

New Antibiotics and Drug Resistance, Best Practices in the Continuum of Care: Management of Infectious Disease. Arkansas Geriatric Education Center, Little Rock, Arkansas, April 26, 2006

Gero-pharmacology. 4th Annual Symposium: Caring for Older Adults. Texarkana Regional Center on Aging, Texarkana, AR, January 28, 2006

Legislative Changes Relative to LTC: Medicare Part D. Geriatrics and Long-Term Care: 7th Annual Update and Intensive Review, Arkansas Medical Directors Association, Little Rock, AR, October 1, 2005

Gero-pharmacology. 3rd Annual Symposium: Caring for Older Adults. Texarkana Regional Center on Aging, Texarkana, AR, January 29, 2005

The New Medicare Prescription Drug Benefit: Complexities of Coverage. 24<sup>th</sup> Annual Arkansas Aging Conference, Hot Springs, AR, November 3, 2004

Medications and Risk, Geriatrics and Long Term Care 6<sup>th</sup> Annual Update and Intensive Review, Little Rock, AR, October 2, 2004

Medicare Prescription Drug Provisions. Governor's Advisory Council on Aging, North Little Rock, AR, June 10, 2004

Guilty Until Proven Innocent: Drug Effects on Cognition. Best Practices in the Continuum of Care, Arkansas Geriatric Education Center, Little Rock, AR, April 21, 2004

Projected Impact of Medicare Prescription Drug Legislation. Health Insurance Policy Roundtable, Little Rock, AR, January 16, 2004

The Pharmacology of Aging. 23<sup>rd</sup> Annual Arkansas Aging Conference, Little Rock, AR, October 15, 2003

Geriatric Pharmacology, OTCs and Herbals, Arkansas Geriatric Education for Mentors and Scholars Summer Faculty Institute, June 21, 2002.

Drug Use and Misuse in the Elderly, Moderator and Speaker, Arkansas Geriatric Education Center Videoteleconference, Little Rock, AR, April 29, 2002.

Adverse Reaction to Psychotropic Drugs, Arkansas Nursing Home Nurses Association, Little Rock, AR, April 19, 2002

Adverse Outcomes of Psychotropic Medications, 2001 Consultant Pharmacist Seminar, Little Rock, AR, October 14, 2001

Cholesterol Education Program for Nurses (American Heart Association): Treatment Pharmacologic, Little Rock, AR, May 16, 1991, May 8, 1992 & June 18, 1993

New Drug Update. Arkansas Association of Hospital Pharmacists Fall Seminar, September 29, 1990

Infection Control and Nutrition Support, Arkansas Association of Practitioners in Infection Control, Hot Springs, AR, March, 1989

Expert Witness, Chelation Therapy, Arkansas State Medical Board Meeting, August, 1988

Arkansas State Nursing Association Council on Geriatrics: The Challenge of Incontinence, Panel Discussion, Holiday Inn, Little Rock, October 1985

### Regional

Beers Criteria for Potentially Inappropriate Medication Use. 34<sup>th</sup> Family Medicine Update, September 20, 2013, Little Rock, AR

The Transition to Medicare Part D. 28<sup>th</sup> Annual Family Practice Intensive Review Course, June 4, 2006, Little Rock, AR

Drug Therapy Interventions. From Science to Interventions: Understanding Memory Disorders in Aging, Garrison Institute on Aging, Texas Tech University, Lubbock, TX, March 31, 2006

Adverse Outcomes of Psychotropic Medications. 23<sup>rd</sup> Annual Family Practice Intensive Review, Little Rock, AR, May 31, 2001

Workshop on the Management of Lipid Disorders. National Pharmacy Cholesterol Council Lipid Managers Training Program, Seattle, WA, July 11, 1998; Des Moines, IA, June 27-28, 1999; Jackson, MS, August 5, 1999;

Pharmaceutical Care for Patients with Dyslipidemias. A Certificate Training Program for Pharmacists from American Pharmacists Association:

Implementing the Pharmaceutical Care Plan; Documenting and Communicating Patient Care Activities; Review of Self-Study Concepts. Washington, DC, June 21, 1997; Braintree, MA, October 18, 1997; and Pasadena, CA, September 22-23, 2000.

Train The Trainer: Techniques for Educating Pharmacists on Cholesterol Lowering Therapy, Regional Pharmacy Cholesterol Council, Memphis, September 11, 1993

Managing Cholesterol Lowering Therapy Through Drug Use Evaluation, Regional Pharmacy Cholesterol

Council, Memphis, March 28, 1993

New Drug Update. Southeastern Society of Hospital Pharmacists/Arkansas Association of Hospital Pharmacists Joint Fall Seminar, September 30, 1989

Manufacturing with Recombinant DNA, Regional Meeting, Association of Pharmacy Technicians, Little Rock, AR, April 23, 1988

### National

2022 Updates in Therapeutics: Pharmacotherapy Preparatory Review and Recertification Course. Healthcare Systems and Population Health, May 18, 2022 (Recorded /Virtual)

2022 Geriatric Pharmacy Review and Recertification Course. Principles of Aging. March 3, 2022, Las Vegas, NV

2022 Geriatric Pharmacy Review and Recertification Course. Complex Case: Inpatient Surgery to Skilled Nursing Facility. March 3, 2022, Las Vegas, NV

Healthcare Systems and Population Health. American College of Clinical Pharmacy 2021 Updates Plus in Pharmacotherapy Webinar. December 15, 2021

2021 Geriatric Pharmacy Review and Recertification Course. Principles of Aging. March 2021, Recorded

2021 Geriatric Pharmacy Review and Recertification Course. Complex Case: Inpatient Surgery to Skilled Nursing Facility. March 2021, Recorded

Acing the Aging Game: Strategies for Navigating Senior Care—Curb Your Enthusiasm: Managing Caregiver Expectations in Senior Care. American College of Clinical Pharmacy Annual Meeting, Oct 28, 2020

Geriatrics PRN Focus Session – Challenges in Treating Neuropsychiatric Behaviors in Aging Adults Managing Behavioral Changes in Aging Adults with Underlying Cognitive Disorders. American College of Clinical Pharmacy Annual Meeting, Oct 26, 2020

2020 Geriatric Pharmacy Review and Recertification Course. Complex Case: Inpatient Surgery to Skilled Nursing Facility. March 5, 2020, Las Vegas, NV

2020 Geriatric Pharmacy Review and Recertification Course. Principles of Aging. March 5, 2020, Las Vegas, NV

What's New with Old Drugs. 2019 American Geriatrics Society Annual Meeting. Portland OR, May 4, 2019.

2019 Geriatric Pharmacy Review and Recertification Course. Complex Case: Inpatient Surgery to Skilled Nursing Facility. May 2, 2019, Minneapolis, MN

2019 Geriatric Pharmacy Review and Recertification Course. Principles of Aging. May 2, 2019, Minneapolis, MN

2017 Geriatric Pharmacy Review and Recertification Course. Complex Case: Inpatient Surgery to Skilled Nursing Facility. Dec 3, 2017, Orlando, FL

Updates in Therapeutics 2017: Geriatrics. American College of Clinical Pharmacy, Feb 17, 2017, Jacksonville, FL

2016 Geriatric Pharmacy Review and Recertification Course. Complex Case: Inpatient Surgery to Skilled Nursing Facility. Dec 4, 2016, Las Vegas, NV

Updates in Therapeutics 2016: Geriatrics. American College of Clinical Pharmacy, April 8, 2016, Phoenix, AZ

AGS Clinical Practice Guidelines for Postoperative Delirium in Older Adults, Panelist to discuss Pharmacologic Prevention and Treatment of Postoperative Delirium. American Geriatrics Society, May 17, 2015, National Harbor, MD

Updates in Therapeutics 2015: Geriatrics. American College of Clinical Pharmacy, April 10, 2015, Chicago, IL

Will My Medication Kill Me? Applying New Safety Data to Your Clinical Practice. American Geriatrics Society Annual meeting, May 5, 2013, Grapevine, TX

Model Geriatric Programs: Interdisciplinary Geriatric Education Materials and Methods Swap. "Simulation Fosters Interprofessional skills among Nursing, Pharmacy and Medical Students." American Geriatrics Society Annual Meeting, Seattle, WA, May 5, 2012.

Catching the Wave of the Silver Tsunami: Integrating Geriatrics Into the Pharmacy Curriculum, American Association of Colleges of Pharmacy Annual Meeting, San Antonio, TX, July 13, 2011

Hyperlipidemia. Life Down the Cardiovascular Lane: Balancing Evidence with Quality of Life in Older Adults. Midyear Clinical Meeting, American Society of Health-System Pharmacists, Las Vegas, NV, December 10, 2009

Statins in the Elderly: How Safe and Effective Are They? Endocrinology PRN Focus Session. Annual Meeting, American College of Clinical Pharmacists, Anaheim, CA, October 20, 2009

Task Force on Competencies, Credentialing and Privileging. Adventist Health Systems Network Meeting, December 6, 1998, Las Vegas, NV

Basic Skills in Pharmaceutical Care, Workshop Facilitator, University of Tennessee/VA Conference, January & February 1996

Upper GI Medications Workshop Facilitator, Medication Management in the Elderly, March 10-11, 1994

Clinical Privileges for Pharmacists, Geriatrics Pharmacy Traineeship, LR VAMC, October 20, 1993 and October 19, 1994

Traditional Techniques for Drug Use Evaluation; Facilitator; National Drug Use Evaluation Training Course, St. Louis Continuing Education Center, St. Louis, MO, March 10, 1993

Documenting Drug Use Evaluation Activities, Drug Use Evaluation National Training Conference. Chicago, Illinois, September 18-20, 1990

#### International

Brazil - USA Hospital Pharmacy Seminar: Co-coordinator with The Virtual University, Altamonte Springs,

FL. February, 1998, August, 1998. Presentation: The Evolution of Hospital Pharmacy, February 2, 1998, August 10, 1998, Orlando, FL

## TEACHING EXPERIENCE

### University Based

Residency Program Director: PGY2 Geriatric Pharmacy Residency—ASHP Accredited

#### Preceptor:

LR VAMC: Internal medicine (pharmacy students); Clinical pharmacology (medical students)  
Florida Hospital: Pharmacy administration (pharmacy students)  
UAMS: Direct patient care-acute/Geriatric Pharmacy (pharmacy students and residents)

#### Course Coordinator:

Contemporary Issues in Pharmacy Practice, 2002, 2003 (pharmacy students)  
Pharmacy Practice I, 2004 (pharmacy students)  
Pharmaceutical Policy in the Healthcare System, 2004, 2005, 2006 (pharmacy, public health & graduate students-elective)  
Geriatric Therapeutics (pharmacy student elective), 2007, 2008, 2009, 2015, 2016, 2017, 2018  
Special Problems in Clinical Practice-Geriatrics (pharmacy student elective) 2012, 2013, 2014, 2019, 2020, 2021  
Therapeutics III (pharmacy student required) 2017, 2018, 2019, 2020, 2021, 2022

Course Co-coordinator: Geriatric Therapeutics, (pharmacy student elective), 2001, 2002

#### Mentor/advisor:

Jennifer Johnson, American Federation for Aging Research/ Merck Scholarship in Geriatric Pharmacology for Medical and Pharmacy Students, 2001  
Sarah Cochran, College of Pharmacy Summer Student Research Fellowship, 2008  
Shunika Bryant, College of Public Health Academic Faculty Advisor, 2009-2011  
Douglas Cutsinger, College of Pharmacy Summer Student Research Fellowship, 2010  
Corey Hayes, Paul Ambrose Scholars Program, 2011  
Brooke Crawford, College of Pharmacy Summer Student Research Fellowship, 2011  
Andrew King, Graduate School, Member of Thesis Committee, 2011-12  
Mara Grimsley, College of Pharmacy Summer Student Research Fellowship, 2012  
Praveen Potukuchi, Graduate School, Member of Thesis Committee, 2012-14  
Josh Brown, Graduate School, Member of Thesis Committee, 2012-14  
Ashley Bizzell, College of Pharmacy Summer Student Research Fellowship, 2015  
Nicholas Grunewald, College of Pharmacy Summer Student Research Volunteer, 2015  
Matt Nelson, College of Pharmacy Summer Student Research Fellowship, 2016  
Kelly Ho, College of Pharmacy Summer Student Research Fellowship, 2017  
Madeline Malloy, College of Pharmacy Summer Research Fellowship, 2021

#### Interprofessional Seminar Series and Courses:

Moderator and Panelist, Team Based Care, October 26, 2010  
Team-Based Learning Facilitator, October 22, 2012  
Nursing, Pharmacy and Medical Student Simulation, 2011, 2012, 2013, 2014

#### Medical Student Lectures-Geriatric Lecture Series:

Geriatric Pharmacology, UAMS Center on Aging, 10/00, 3/01, 4/01, 7/01, 11/01, 12/01, 3/02, 4/02, 8/02, 3/03, 5/03, 11/03, 7/04, 3/05, 8/05, 11/05



Web CT Geriatric Medicine Rotation Curriculum: Pharmacology Lecture-co-presenter  
Medicine Across the Generations, M2 course lecturer and workshop leader, 5/15  
Pharmacotherapy Beers Criteria Workshop, M4 Geriatric Medicine Rotation, 2016, 2017, 2018,  
2019, 2020, 2021, 2022

Family Practice Residency Orientation: Pharmacotherapy Considerations in the Elderly, UAMS, 12/01

Occupational Therapist Lecture:

Psychotropic Medication and Abnormal Involuntary Movements, University of Central Arkansas,  
2/90, 1/91

Gerontology Lecture:

Interdisciplinary Health Care of the Elderly: Pharmacy, UALR/COA 2/24/04  
Geriatric Nutrition, Graduate School, UAMS, 10/04, 10/05, 10/06, 11/07, 10/08, 10/09, 11/10

Pharm.D. Class Lectures:

Skin Infections: Pathophysiology, Diagnosis and Management, UT, 9/83  
Obstructive Nephropathy, UT, 11/83  
Calcium Balance and Parathyroid Hormone Disorders, UT, 4/84  
Drug Use Evaluation and Clinical Indicators, UAMS, 5/92  
Cardiovascular Disease in Aging, UAMS 3/01, 1/02  
Anemia in the Elderly, UAMS, 5/01, 4/02  
Conflict of Interest, UAMS 11/02, 10/03  
Renal Drug Dosing in the Elderly, UAMS 3/02  
Applied Pharmacokinetics: Phenytoin Dosing, UAMS, 11/04, 11/05  
Continuous Quality Improvement, UAMS 3/02, 3/03, 1/04, 1/05, 2/06  
Epilepsy & Status Epilepticus, UAMS, 3/05, 2/06, 2/17, 2/18, 2/19, 2/20  
Disease State Management, UAMS 10/03, 2/04, 2/05, 12/05, 12/06, 12/07  
Administering the MMSE, UAMS, 3/09, 4/10  
Insomnia, UAMS, 1/08, 3/09, 1/10  
Health Care Disparities, UAMS 9/02, 9/03, 1/04, 2/05, 11/05, 11/06, 11/07, 11/08, 11/09, 11/10,  
11/11, 10/12, 3/14, 3/15  
Health Promotion and Disease Prevention, UAMS, 2/05, 12/05, 11/06, 11/07, 11/08, 11/09, 11/10,  
11/11, 10/12, 3/14, 3/15, 3/16  
Healthy People 2010, UAMS 9/02, 9/03, 1/04, 1/05, 11/05, 11/06, 11/07, 11/08, 11/09, 11/10,  
11/11, 10/12, 3/14, 3/15, 3/17  
Pharmaceutical Care, UAMS, 10/03, 2/04, 2/05, 12/05, 12/06, 12/07, 11/08, 11/09, 11/10, 11/11,  
10/12, 3/14, 3/15, 3/16, 4/17  
Applied Pharmacokinetics: Geriatric Considerations, UAMS, 3/04, 12/04, 12/05, 12/06, 11/07,  
11/08, 2/10, 2/11, 4/12, 4/13, 4/14, 2/15, 3/16, 4/17, 3/18, 3/20, 3/21, 3/22  
Geriatric Pharmacotherapy, UAMS, 3/05, 3/07, 2/08, 3/09, 4/10, 1/11, 1/12, 1/13, 1/14, 1/15, 2/16,  
1/17, 2/18, 2/19, 2/20, 1/21, 1/22, 1/22  
Alzheimer's and Other Dementias, UAMS, 3/05, 3/07, 2/08, 3/09, 4/10, 1/11, 1/12, 1/13, 1/14,  
1/15, 2/16, 1/17, 2/18, 2/19, 2/20, 1/21, 1/22  
Parkinson's Disease, UAMS, 3/05, 3/07, 2/08, 3/09, 4/10, 2/11, 1/12, 1/13, 1/14, 1/15, 2/16, 1/17,  
2/18, 2/19, 2/20, 1/22  
Wound and Skin in Older Adults, 2/16, 1/17, 2/18, 2/19, 2/20, 1/21, 1/22  
Geriatrics Active Learning, 2/19, 2/20, 1/21, 1/22  
Falls and Frailty, 1/21, 2/22  
Acute Stroke and Stroke Prevention, 8/21, 10/22  
Valvular Heart Disease 8/21, 10/22  
Heparin-induced Thrombocytopenia 8/21, 10/22

Nursing School Lectures:

The Pharmacology of Aging, Family Practice Nurse Practitioner Program, 9/06  
The Pharmacology of Aging, Geriatric Practice Nurse Practitioner Program, 9/07, 9/09  
The Pharmacology of Aging, Master's Program in Psychiatric Nursing Program, 6/09, 6/10, 5/11

Physician Assistant Program Lectures:

BPH and Incontinence, 11/13, 11/14  
Urinary Tract Infections, 11/13, 11/14  
Erectile Dysfunction, 11/13, 11/14  
Ophthalmology, 2/14, 2/15  
Alzheimer's and Parkinson's Disease, 2/14, 2/15  
Stroke and TIA, 2/14, 2/15  
Headache, 2/14, 2/15  
Seizure disorders, 2/14, 2/15  
Gout and SLE, 2/14, 2/15  
Rheumatoid Arthritis, 2/14, 2/15  
Muscle relaxants and Analgesics, 2/14, 2/15  
NSAIDs and Corticosteroids, 2/14, 2/15  
Osteoporosis, 2/14, 2/15  
Geriatric Pharmacotherapy, 5/14

Staff Development/Inservices

Family/Internal Medicine Staff Conferences:

Pharmacokinetics of Anticonvulsant Agents, St. Francis Hospital, Memphis, 5/83  
Dermatologic Dosage Forms, LR VAMC, 7/85  
Acyclovir Update, Primary Care Clinic, LR VAMC, 9/91  
Polypharmacy and the Non-compliant Patient, Case Conference, LR VAMC, 10/92  
New Drug Update, Hospital Based Home Care Staff, LR VAMC, 7/94  
Cost Containment Strategies, Ambulatory Care Staff, LR VAMC, 1/95  
Restricted Drugs, Ambulatory Care Staff, LR VAMC, 6/95

Psychiatry Staff Conference: Pharmacy Quality Assurance Program, LR VAMC, 9/88

Dental Staff Conference: Drug Interactions, LR VAMC, 5/88

Medicine Team Lectures:

Aminoglycoside Therapy and Pharmacokinetic Monitoring,  
Memphis VAMC, 10/83, 11/83; LR VAMC, 3/86, 1/87  
Theophylline Therapy, Memphis VAMC, 10/83  
Anti-arrhythmic Agents: Classification, Pharmacology and Use,  
UT Hospital, 8/82, Memphis VAMC, 10/83  
Penicillins: Spectrum of Activity and Therapeutic Use, Memphis VAMC, 11/83  
Nitrate Dosage Forms: Are They Equivalent? LR VAMC, 11/84  
Zolpidem, LR VAMC, 5/94  
Use of Micromedex, LR VAMC, 10/94  
Antibiotic Overview, LR VAMC, 1/95  
Phenytoin and Folate Interaction, LR VAMC, 3/95  
New Drug Update, LR VAMC, 4/95, 2/96

Pharmacist Mini-Courses:

Aminoglycoside Pharmacokinetics, LR VAMC, 5/85, 11/85, 5/86, 4/87, 8/88  
Nutritional Support, LR VAMC, 3/86, 9/87

Drug Information Techniques, LR VAMC, 7/86  
Patient Education, LR VAMC, 2/87, 3/88  
Geriatrics Lecture Series, LR VAMC, 6/87  
Psychopharmacy, LR VAMC, 3/89  
Basic Pharmacokinetics Traineeship, LR VAMC, 3/90, 8/90, 8/91, 7/92, 8/93, 8/94, 7/95, 7/96,  
8/97  
Biostatistics, LR VAMC, 1/91  
Research Study Design, LR VAMC, 6/92  
Ambulatory Care Traineeship, LR VAMC, 5/93  
Coumadin Consult Service, Florida Hospital, 1/99

Pharmacy Grand Rounds:

Cryptococcal Bone Disease, LR VAMC, 4/17/91  
Cost Effectiveness of Cholesterol Lowering Therapy, LR VAMC, 4/22/92  
Polypharmacy and the Noncompliant Patient, LR VAMC, 8/26/92  
Hypertension Optimal Therapy International Study, LR VAMC, 8/24/94  
Pheochromocytoma, LR VAMC, 10/11/95  
Stand-Off of the Statins, LR VAMC, 8/21/96  
A Day in the Life of a Pharmacist in Cuba, 5/1/02

Pharmacist Certificate Program Lecture:

The Intravenous Admixture Service at the Memphis Veterans Administration Medical Center,  
Memphis VAMC, 6/83

Pharmacist Continuing Education:

Preventing Influenza in the Geriatric Population, Arkansas Pharmacists Association, 6/13/03  
Effective Use of ACE Inhibitors in the Elderly, Arkansas Pharmacists Association, 6/13/03  
Case Studies in Geriatric Pharmacotherapy, UAMS College of Pharmacy Vacation CE, 9/14/03  
Alzheimer's Disease, UAMS College of Pharmacy Vacation CE, 9/14/03  
Alzheimer's Disease, UAMS College of Pharmacy Fayetteville AHEC CE, 10/19/03  
Alzheimer's Disease Update, 2003 Consultant Pharmacist Seminar, 11/9/03  
Effective Use of ACE Inhibitors in the Elderly, 2003 Consultant Pharmacist Seminar, 11/9/03  
Guilty Until Proven Innocent: Drug Effects on Cognition, Golden Certificate Seminar, 9/30/04  
Guilty Until Proven Innocent: Drug Effects on Cognition, 2004 Consultant Pharmacist Seminar,  
10/3/04  
The Latest on Treatment of Parkinson's Disease. Learn at Noon, UAMS College of Pharmacy,  
5/3/05  
Medication & Risk, 2005 Summer CE, UAMS College of Pharmacy, 8/12/05, Destin, FL  
Cognitive Effects of Medications, 2005 Summer CE, UAMS College of Pharmacy, 8/12/05,  
Destin, FL  
The Transition to Medicare Part D. 2005 Consultant Pharmacist Seminar, APA Academy of  
Consultant Pharmacists, 10/2/05  
Transition to Medicare Part D. Learn at Noon, UAMS College of Pharmacy, 10/4/05  
Drug Therapies for Maintaining Memory, Health.edu, DVD #70106, Texas Tech University Health  
Sciences Center, Lubbock, TX, 6/1/06  
Managing Polypharmacy in the Elderly, Learn at Noon, UAMS College of Pharmacy 9/6/06  
Drug Therapy for Memory Disorders: From the Laboratory to the Clinic. Arkansas Consultant  
Pharmacists Seminar, 10/07/07  
Thinking Wrinkles: Pharmacotherapy of Alzheimers Disease and Related Dementias. UAMS  
College of Pharmacy Continuing Education Program. Little Rock, AR, September 7, 2008  
Tools to Improve Geriatric Drug Therapy: What Works? UAMS College of Pharmacy Continuing  
Education Program. Little Rock, AR, Oct 28, 2012

Saving Red's Toe: An Interprofessional Simulation Experience, UAMS College of Pharmacy Seminar, Little Rock, AR, January 11, 2013  
What's New with Alzheimers Disease? AR UAMS College of Pharmacy CE program, Little Rock, AR, October 20, 2013  
The 2015 Updated AGS Beers Criteria for Potentially Inappropriate Medication Use, UAMS COP CE program, Little Rock, AR, Dec 13, 2015

Pharmacy Inservices:

Oral Anticoagulation with Warfarin, UT Gailor Clinic, 4/83  
Oral Communication Skills: A Workshop for the Hospital Pharmacist, LR VAMC, 10/84  
Patient Medication History, LR VAMC, 3/85  
Drug Interactions Update, LR VAMC, 9/85  
Use of the Pharmacokinetic Slide Rule, LR VAMC, 4/86, 5/86  
Nonsteroidal Anti-inflammatory Agents, LR VAMC, 8/86  
Use of Narcotics, LR VAMC, 11/86  
New Drug Update, LR VAMC, 6/87, 4/88, 6/89, 4/90, 1/92, 2/93, 2/94, 4/95, 2/96  
Manufacturing with Recombinant DNA, LR VAMC, 6/88  
Diuretics and Cardiovascular Disease, LR VAMC, 1/90  
Theophylline Use and Dosing, Waco VAMC, 9/90  
Biologic Response Modifiers, LR VAMC, 4/91  
The National Cholesterol Education Program, LR VAMC, 9/91  
Creating and Managing Change, LR VAMC, 9/92  
JNC-V Guidelines, LR VAMC, 6/93  
Quality Improvement Teams, Florida Hospital, 12/96  
Cerebyx: Therapeutic Role in Treatment, Florida Hospital, 3/97  
IV to PO Switch, Florida Hospital, 4/99  
Public Health and Pharmacy, Central Arkansas VHS, 1/04, 12/04

Nursing Home Care Unit Orientation Lecture:

Treatment of Spasticity in Spinal Cord Injury, Memphis VAMC, 1/84

Pharmacy Technician Inservice:

Medication Errors, LR VAMC 6/90  
Pharmacology Module, LR VAMC Technician Training Program, Fall 1993

Dietary Svc. Lecture:

Cephalosporin Soup 4/9/90

Nursing Inservices:

Cyclosporin A, UT Hospital, 7/82  
Anti-arrhythmic Agents, UT Hospital 8/82  
How to use the AHFS Drug Information, LR VAMC 9/84  
Anti-tubercular Agents, LR VAMC, 3/85  
Pulmonary Drugs, LR VAMC, 11/84  
Pulmonary Drugs, Little Rock Critical Care Program,  
9/85, 2/86, 9/86, 2/87, 10/87, 2/88, 10/88, 2/89, 10/89  
Nursing Orientation Program, LR VAMC, Monthly, 8/86-7/88  
New Drug Update, LR VAMC, 4/93, 12/93, 10/94  
Antibiotic Review, LR VAMC, 1/95, 5/95  
Clinical Use of Diuretics, Florida Hospital, 4/97  
Pharmacology, Arkansas Dept of Health Home Health Nurses, 10/03  
Geriatric Pharmacotherapy, AR-GEMS Summer Institute, 5/24/05

Preceptor, UAMS Southern Gerontological Nursing Certificate Program, 5/22-27/05  
The Pharmacology of Aging,  
    Searcy, AR, NE Center on Aging, 3/2/07  
    Jonesboro, AR, NE Center on Aging 3/20/07  
    Wynne, AR, NE Center on Aging 4/13/07  
    North Little Rock, AR, Baptist 3/11/09  
    Little Rock, AR, Baptist Hospice 10/14/09  
Stop the Bleeding: Mis-use of Warfarin and NSAIDs in the Elderly, Baptist Health 6/16/10,  
6/24/10

### **SERVICE ACTIVITIES**

American Geriatrics Society Panel member, Clinical Practice Guideline Post-Op Delirium, 2019-20  
UAMS Winthrop Rockefeller Distinguished Lectureship Committee, member, 2014-21  
Medicare Part D Open Season Student-provided Clinic, 2011-2021  
Consultant, University of South Florida Geriatric Workforce Enhancement Program, 2017  
Member, Arkansas Medicaid Drug Review Committee, May 2007 to March 2016  
American Geriatrics Society Panel member, Clinical Practice Guideline Post-Op Delirium, 2013-2014  
Member, Professional Advisory Board, UAMS 12<sup>th</sup> Street Health & Wellness Center, 2011-2014  
Pharmacy Consultant, Arkansas Foundation for Medical Care Adverse Drug Events Project, July 2011-2014  
UAMS 12<sup>th</sup> Street Health and Wellness Center Grand Opening Health Fair-Medicare Part D Planning Clinic. November 17, 2012  
Clinical Pharmacist Consultant, Money Follows the Person, Arkansas Dept of Human Services division of Aging and Adult Services. October 2008-June 2012  
Lifeline presentation, Adventures in Learning, February 2011  
Expert Reviewer, Florida Department of Elder Affairs 701B Assessment Update Project, May 2010-11  
Pharmacy Consultant, Arkansas Foundation for Medical Care Drug Safety Project, February 2010-11  
Interview, Aging Arkansas, #1 Cause of Death, Unintentional Drug Use, 2010  
St. Mark's Baptist Church Health Fair, June 20, 2009  
Judge, CAVHS Pharmacy Residents Research Conference, Little Rock, AR. June 12, 2009  
Safe Use of Over-the-counter Medications and Herbals, Parkway Village, September 18, 2007  
Open Season Medicare Part D, North Little Rock Senior Housing Authority, November 2006  
Project Alert, North Little Rock Senior Housing Authority, June-July 2006

Interviews, Arkansas Democrat-Gazette, Medicare Part D Benefit, 2005

Live interview, Channel 11 KTHV, Medicare Part D Benefit, 2005

Taped interview, Channel 11 KTHV, Medicare Part D Benefit, 2005

Sister Study Breast Cancer Research recruitment coordination, 2005

Medicare Drug Discount Card Training Session Presentations, Senior Medicare Patrol and NLR Housing Authority 2004-2005

Taped interviews, KUAR-FM public radio, Medicare Prescription Drug Discount Card, 2004

Member, National Pharmacy Cholesterol/Cardiovascular Council, 1991-2004

Newspaper interview, Arkansas Democrat-Gazette, Multiple Meds, 2003

Administrator of ACPE approved provider program, 1997-2000

Consultant, VA Pharmaceutical Care Project, University of Tennessee College of Pharmacy 1996-1997

Member, VA Central Office Technical Advisory Groups-Drug Monographs and Treatment Guidelines, 1994-96

Member, VA/The Pharmacia & Upjohn Research Steering Committee, 1995-1996

Participant, American Society of Hospital Pharmacists Residency Preceptors Conference, Atlanta, Georgia, March, 1989. Published in Proceedings of the 1989 National Residency Preceptors Conference. American Journal of Hospital Pharmacy, 1990; 47:85-126

Invited Participant, Veterans Administration Consensus Conference: The Future of VA Pharmacy Services, Olive Branch, MS, 3/89

Member, Federal Womens Program Committee, LR VAMC, 10/88-9/91

Education Chairman, Arkansas Chapter, Association of Pharmacy Technicians, 1987-88

### Committee Work

UAMS Academic:

*UAMS College of Pharmacy*- Assessment Committee (Chair), Incentive Committee; ACPE Self-Study Committee, Student Research Committee, Scholastic Standing Committee (Chair), Pharmacy Practice Chair Search Committee, UAMS 12<sup>th</sup> St Health and Wellness Center Professional Advisory Committee, ACPE Self-Study Leadership Committee, Academic Progression Committee, Promotion & Tenure Committee, Residency Review Committee (Co-chair), Special Test-taking Accommodations, Pharmacy Practice OSCE Board (Chair), Pharmacy Practice Post-graduate/Residency Research Committee (Chair), Curriculum 2025 Workgroup 1 and 8 (Chair), ACPE Self-Study Workgroup (co-chair), Post-graduate Education Committee

*UAMS College of Medicine/Institute on Aging*- Education Committee, Geriatrics Grand Rounds

Committee, Patient Portal Committee, Community Outreach Committee (Co-chair), IOA Vertical Expansion Building Committee

*Other UAMS-Internal Review Committee (UAMS CON for R01), Arkansas Bioterrorism Curriculum Advisory Council, Arkansas Research Committee (UAMS Dept Family Practice), DrPH Development Committee for the College of Public Health*

Florida Hospital: AHS Corporate Pharmacy, AHS Corporate Physicians, Quality Improvement Coordinating, Institutional Review Board, Pharmacy and Therapeutics, Drug Usage Evaluation

VA Medical Center: Research and Development, Pharmacy and Therapeutics, Drug Usage Evaluation, Hospital Performance and Quality Improvement, Blood Usage, Veterans Integrated Services Network 16 Formulary Committee

#### Reviewer/Editorial Boards

Reviewer, Currents in Pharmacy Teaching and Learning, 2017, 2022

Reviewer, WebMD/Postgraduate Education, 2021

Reviewer, Pharmacotherapy, 2019, 2020

Professional Reviewer, Pharmacotherapy Self-Assessment Program, 2019, 2020

Reviewer, American Society of Consultant Pharmacists Annual Meeting Poster Presentations, 2019, 2020

Reviewer, Annals of Pharmacotherapy, 1996-2020

BMC Geriatrics, Reviewer, 2014

Editorial Board, Pharmacotherapy Self-Assessment Program VII, 2009-2012

Editorial Board, Pharmacotherapy Self-Assessment Program VI, 2005-2009

Guest Consultant Editor, Geriatric Therapeutics edition, Journal of Pharmacy Practice, February, 2007

Reviewer, American Journal Geriatric Pharmacotherapy, 2006

Editorial Advisory Board, Encyclopedia of Clinical Pharmacy, 2003

Reviewer, American Society of Hospital Pharmacists Midyear Clinical Meeting Poster Presentations, 1988, 1991, 1992, 1995, 1997

### **PROFESSIONAL ORGANIZATIONS**

American College of Clinical Pharmacy, 1988-present;

Regional Recruiter, 1990-92

Constitution and By-laws Committee, 1993, 1994, 1997

Public and Professional Affairs Committee, 2002, 2003

Chair-elect, Geriatric Practice and Research Network, 2005-06

Chair, Geriatric Practice and Research Network, 2006-2007

ACCP Foundation Team Captain, 2008  
American Society of Healthsystem Pharmacists, 1983-present  
American Pharmacists Association, 1997-present  
American Association of Colleges of Pharmacy, 1999-present  
American Society of Consultant Pharmacists, 2005-present  
    Chair, Publications Taskforce, 2012-13  
    Faculty liaison, UAMS, 2006-present  
    Pharmacy Educators and Research Council, 2016-2022  
American Geriatrics Society, 2007-present  
    Member, AGS Expert Panel, Post-op Delirium Guidelines, 2013-14, 2019-20  
Arkansas Pharmacist Association 2006-present  
Arkansas Association of Hospital Pharmacists, 1990-96, 2022-present

*Past:*

Arkansas College of Clinical Pharmacy, (Founding member), 2011-present (*inactive*)  
Arkansas Geriatrics Society, 2008-2015 (dissolved)  
    Board member 2010-2014  
    Treasurer 2011-2015  
American Public Health Association, 2000-2002  
American Association of Diabetes Educators, 1999-2000  
Southeastern Society of Hospital Pharmacists, 1989-92  
Florida Society of Healthsystem Pharmacists, 1998-2000  
Tennessee Society of Hospital Pharmacists, 1984-92  
Mid-South College of Clinical Pharmacy, 1990-96;  
    Membership Committee 1990, 1991  
    Secretary/Treasurer 1992-93  
    President-elect, 1994  
    President, 1995  
Federal Pharmacist Association, Arkansas Chapter  
Pharmacy Technician Educators Council  
Rho Chi Pharmaceutical Honor Society  
Lambda Kappa Sigma Pharmacy Fraternity  
Gamma Beta Phi National Honor Society