

Cindy D. Stowe, PharmD

September 2019

Business Address

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EDUCATION

Doctor of Pharmacy

May 1991

University of Kentucky

Lexington, Kentucky

Bachelor of Science in Pharmacy

December 1990

University of Kentucky

Lexington, Kentucky

LICENSURE

Registered Pharmacist #8400 (reciprocity)

January 1996 to present

Arkansas State Board of Pharmacy

Little Rock, Arkansas

Registered Pharmacist #10186 (exam)

January 1991 to present

Kentucky State Board of Pharmacy

Frankfort, Kentucky

Registered Pharmacist #8933 (reciprocity)

November 1993 to 1999

Tennessee State Board of Pharmacy

Nashville, Tennessee

ADMINISTRATIVE POSITIONS

Dean

July 29, 2019 to present

University of Arkansas for Medical Science

College of Pharmacy

Little Rock, Arkansas

Associate Provost

January 1, 2018 to June 2019

Sullivan University

Louisville, Kentucky

Dean

July 1, 2014 to June 2019

Sullivan University

College of Pharmacy and Health Sciences

Louisville, Kentucky

Associate Dean

July 1, 2012 to May 23, 2014

July 1, 2009 to June 30, 2012

July 1, 2005 to June 30, 2009

University of Arkansas for Medical Sciences

College of Pharmacy

Associate Dean for Administrative & Academic Affairs

Associate Dean for Professional Education

Associate Dean of Academic Affairs

ACADEMIC QUALIFICATIONS

Professor with Tenure

July 29, 2019 to present

University of Arkansas for Medical Sciences

COP Department of Pharmacy Practice

ACADEMIC QUALIFICATIONS, continued

Professor

July 1, 2014 to June 24, 2019

Professor with Tenure

July 1, 2009 to May 23, 2014

Associate Professor with Tenure

July 1, 2001 to June 30, 2009

Assistant Professor

September 1, 1995 to June 30, 2001

Associate Professor

July 1, 2002 to May 23, 2014

Assistant Professor

March 26, 1997 to June 30, 2002

Instructor

November 1, 1995 to March 26, 1997

PROFESSIONAL EXPERIENCE

Affiliated Health Professional Staff

January 1, 2014 to May 23, 2014

June 7, 1996 to December 31, 2013

Pediatric Pharmacotherapy Research Fellowship

July 1993 to July 1995

Pediatric Specialty Residency, ASHP Accredited

July 1992 to June 1993

General Clinical Residency, ASHP Accredited

July 1991 to June 1992

Research Assistant

May 1989 to August 1990

Sullivan University

College of Pharmacy and Health Sciences

Department of Clinical & Administrative Sciences

University of Arkansas for Medical Sciences

COP Department of Pharmacy Practice

University of Arkansas for Medical Sciences

COP Department of Pharmacy Practice

University of Arkansas for Medical Sciences

COP Department of Pharmacy Practice

University of Arkansas for Medical Sciences

COM Department of Pediatrics

Section of Pediatric Clinical Pharmacology & Toxicology

University of Arkansas for Medical Sciences

COM Department of Pediatrics

Section of Pediatric Clinical Pharmacology & Toxicology

University of Arkansas for Medical Sciences

COM Department of Pediatrics

Section of Pediatric Clinical Pharmacology & Toxicology

Arkansas Children's Hospital

Medical Staff Privileges - Inactive

Medical Staff Privileges - Active

The University of Tennessee, Memphis

LeBonheur Children's Medical Center

Mentor: Stephanie J. Phelps, PharmD, FCCP

University of Kentucky

University of Kentucky Medical Center

Mentor: Robert J. Kuhn, PharmD

University of Kentucky

University of Kentucky Medical Center

Director: Max L. Hunt, MS

University of Kentucky

College of Pharmacy

Mentor: Lisa Cassis, PhD

ACADEMIC LEADERSHIP

Selected Experiences at Sullivan University

Program Accreditation

The PharmD program was at a rocky point in its history when I became dean. Within a few months of my arrival, ACPE conducted a focus site visit. We recognized the urgency and a plan was crafted for a successful full-accreditation visit in April of 2017 under the new Standards 2016. Prior to starting the self-study process the Bylaws were revised, a new mission, vision, and core values were developed, and a five-year strategic plan was crafted with the full involvement of stakeholders of the PharmD program. These efforts have empowered the students, faculty, and staff to embrace ownership of the program and invigorate it with a commitment to excellence.

Community-based Pharmacists Role Evolution

I work with pharmacy stakeholders in the Commonwealth to advance pharmacists roles and opportunities to practice at the top of their license. I actively participate in Board and professional organizations as well as work closely with the Sullivan University governmental affairs office to advocate for the profession. We successfully promulgated regulatory language allowing pharmacists to provide protocol-driven care in 2018 and are working in 2019 to identify mechanisms for payment for pharmacist provided services.

Building the SU Brand

I have worked diligently to build trust. My efforts within the College have been focused on transparency and empowerment of faculty and staff; within the University I have worked to repair relationships by demonstrating humility, approachability, and a commitment to University goals. External to the University I have worked to enhance SU visibility within the pharmacy profession of the Commonwealth by collaborating with the Kentucky Pharmacists Association, the Kentucky Society of Health-System Pharmacists, the Kentucky Board of Pharmacy, and the University of Kentucky College of Pharmacy. I believe that the SU flourishes by building strong relationships with community partners, central to this is the development of a strong relationship with the University of Louisville and the University of Louisville Medical Center.

Creation of COPHS

Bring three educational programs under one college unit [PharmD, MSPA, and Pharmacy Technician (certificate, diploma, & AS)]. Ongoing efforts directed through an adaptive leadership approach with the four frames of organizations: structural, human resource, political, and symbolic. Creation of the COPHS is allowing us to develop ways to work smarter and maximize efficiencies while expanding interprofessional education. It is rewarding to see how people are embracing the opportunities to chart a new way.

Recruitment, Retention, and Right-sizing

I have worked to build the leadership capacity within the College's faculty and staff by strategic recruitment of new talent, development of existing talent, and attention to structural integrity of the overall enterprise. This has been a fulfilling experience that has stretched and advanced my capacity as a leader. We have added pharmacist-educated PhD faculty who have impacted the quality and focus of the accelerated PharmD curriculum. We have worked to maintain competitive faculty salaries (2015 68% faculty with salaries <50thtile and 2018 only 31% faculty with salaries <50thtile). Right-sizing the size of the faculty is a difficult undertaking but a required component of a balance budget. We have been managing the process of right-sizing through attrition and strategic reduction in force. During these times of diminished enrollment, it is necessary to maintain open and honest communication with students, faculty, and staff.

PROFESSIONAL SERVICE: Current Participation

College Level

2019 to present **Chair**, Executive Committee
UAMS College of Pharmacy

PROFESSIONAL SERVICE: Current Participation, continued

University Level

- 2019 to present **Member**, Chancellor's Cabinet
UAMS
- 2019 to present **Member**, Dean's Council
UAMS

State Level

- 2019 to present **Ex-officio (non-voting) Member**, Board of Directors
Arkansas Pharmacists Association

National Level

- 2018 to present **Member**, Synergy through Collaboration Working Group
University of Minnesota, University of North Carolina, and Sullivan University
- 2018 to present **Secretary of Knowledge Management**, Council of Deans
American Association of Colleges of Pharmacy
- 2014 to present **Delegate**, Council of Deans
American Association of Colleges of Pharmacy
- 2013 to present **Reviewer**
Currents in Pharmacy Teaching & Learning
- 2007 to present **Reviewer**
American Journal of Pharmaceutical Education
- 2006 to present **Site-Team Member**
Accreditation Council of Pharmacy Education

PROFESSIONAL SERVICE: Previous Participation

Department Level (UAMS COP-Pharmacy Practice)

- 2001 to 2008 **Co-Chair**, Pharmaceutical Care Encounters Program
- 2003 to 2004 **Chair**, Ambulatory Care Faculty Search Committee
- 1997 to 1998 **Coordinator**, Pharmacy Practice Forum
- 1997 to 1998 **Chair**, Injection Review Committee

College Level (SU COPHS)

- 2015 to 2019 **Chair**, Planning and Assessment Committee
Sullivan University College of Pharmacy and Health Sciences
- 2014 to 2019 **Chair**, Executive Committee
Sullivan University College of Pharmacy and Health Sciences
- 2015 to 2017 **Member**, ACPE Self-Study Coordinating Committee

College Level (UAMS COP)

- 2012 to 2014 **Member**, Administrative Council
- 2010 to 2014 **Ex-officio (voting) Member**, Educational & Technology Support Advisory Committee
- 2006 to 2014 **Faculty Advisor**, *Phi Lambda Sigma*
- 2005 to 2014 **Member**, Executive Committee
- 2005 to 2014 **Ex-officio (voting) Member**, Scholastic Standing Committee
- 2005 to 2014 **Mentor**, Mentorship Program / Portfolio
- 2012 to 2013 **Co-Chair**, ACPE Self-Study Leadership Team
- 2005 to 2013 **Ex-officio (voting) Member**, Curriculum Committee
- 2005 to 2013 **Ex-officio (non-voting) Member**, Assessment Committee
- 2009 to 2012 **Member**, Leadership Committee - Regional Campus ACPE Self-Study
- 2011 to 2012 **Chair**, Search Committee – Pharmacy Practice Department Chair
- Result: hired Amy Franks, PharmD
- 2010 to 2011 **Chair**, Search Committee – Pharmaceutical Sciences Department Chair
- Result: hired Peter Crooks, PhD, DSc
- 2008 to 2010 **Member**, *ad hoc* Summative Examination 2 Committee
- 2008 to 2010 **Member**, Computer Utilization Committee
- 2008 to 2009 **Ex-officio (non-voting) Member**, Awards and Financial Aid Committee
- 2008 to 2009 **Member**, *ad hoc* Summative Examination 1 Committee

PROFESSIONAL SERVICE: Previous Participation, continued

College Level (UAMS COP)

2007 to 2008	Member, ad hoc Portfolio Working Group
2006 to 2008	Chair , ACPE Self-Study Leadership Team
2003 to 2008	Member , Promotion and Tenure Committee
2004 to 2007	Director , Continuing Education Program
2004 to 2005	Chair , Promotion and Tenure Committee
2002 to 2005	Member , Curriculum Committee
1999 to 2005	Member , Awards & Financial Aid Committee
2004	Small Group Leader , 5-year Strategic Plan: Practice & Service Group
2003 to 2004	Chair , Student Research Committee
2000 to 2004	Member , Student Research Committee
2002 to 2003	Alternate Member , Promotion and Tenure Committee – Served as Member
2001 to 2003	Member and Chair , Pharmacy Practice Student Fellowship Selection Committee
2001 to 2002	Alternate Member , Promotion and Tenure Committee
1999 to 2001	Member , Assessment Committee
1999 to 2001	Member , Undergraduate Admissions Committee
1997 to 2001	Faculty Advisor , Student Society of Hospital Pharmacy
1997 to 2001	Mentor , Mentorship Program

University Level (SU)

2014 to 2019	Member , Planning and Evaluation Coordinating Council <i>Sullivan University</i>
2014 to 2019	Member , Academic Council <i>Sullivan University</i>
2014 to 2018	Member , Leadership Committee <i>Office of the President</i>
2016	Member , Search Committee Provost <i>Office of CEO</i>

University Level (UAMS)

2013 to 2014	Member , Workforce Management Committee <i>Campus Human Resource Department</i>
2013 to 2014	Member , Quality Initiative Committee <i>HLC Campus accreditation</i>
2005 to 2014	Member , Simulation Center Committee <i>Center for Clinical Skills Education</i>
2005 to 2014	Member , Vice-Chancellor for Academic Affairs Advisory Committee <i>Office of the Chancellor</i>
2001 to 2014	Member , Advisory Board <i>Center for Clinical Skills Education</i>
2013	Member , Search Committee – Educational Scholar Program <i>Office of Educational Development</i>
2010 to 2012	Member, ad hoc Interprofessional Education Committee <i>Office of the Vice-Chancellor for Academic Affairs</i>
2010 to 2011	Member , Chancellor's Minority Recruitment & Retention Committee <i>Office of the Chancellor</i>
2009 to 2010	Co-Chair , Northwest Satellite Campus Working Group <i>Office of the Vice-Chancellor of the NW Campus</i>
2008 to 2009	Member , Academic Computing Advisory Committee <i>Office of the Chancellor</i>
2007 to 2009	Chair , Appointment, Promotion and Tenure Committee <i>Office of Educational Development</i>
2005 to 2009	Member , Teaching Scholars Advisory Committee <i>Office of Educational Development</i>
2004 to 2009	Member , Appointment, Promotion and Tenure Committee <i>Office of Educational Development</i>
2006 to 2007	Member , Education IV Building Planning Committee <i>Office of the Chancellor</i>

PROFESSIONAL SERVICE: Previous Participation, continued

University Level (UAMS)

2005 to 2007 **Vice-Chair**, Criteria 3 Committee, Higher Learning Commission
North Central Association Accreditation Project
Office of the Chancellor

State Level (Arkansas & Kentucky)

2016 to 2019 **Member**, Board of Directors
Kentucky Pharmacists Political Advocacy Council

2015 to 2019 **Member**, Governmental Affairs
Kentucky Pharmacists Association

2015 to 2019 **Member**, Steering Committee
Advancing Pharmacy Practice in Kentucky Coalition

2016 to 2018 **Chair**, Leadership Development *ad hoc* Committee
Kentucky Pharmacists Political Advocacy Council

2016 to 2017 **Member**, Planning Committee NABP/AACP District III
Kentucky State Board of Pharmacy

2016 **Co-Leader**, Strategic Planning Board of Directors Retreat
Kentucky Pharmacists Association

2015 to 2016 **Member**, Regulation Committee
Kentucky State Board of Pharmacy

2015 **Member**, 2015 Legislative Conference Planning Committee
Kentucky Pharmacists Association

2005 to 2011 **Member**, Policy Committee on Professional Affairs & Ethical Practices
Arkansas Pharmacists Association

2000 to 2005 **Member**, Arkansas Medicaid Retrospective DUR Committee
Health Information Designs, Inc.

National Level

2018 to 2019 **Chair**, Institutional Research and Assessment Committee
American Association of Colleges of Pharmacy

2015 to 2019 **Member**, Institutional Research and Assessment Committee
American Association of Colleges of Pharmacy

2017 **Member**, 2017 Spring Institute Planning Committee
American Association of Colleges of Pharmacy

2016 to 2017 **Dean Facilitator**, Academic Leadership Fellows Program Cohort 14
American Association of Colleges of Pharmacy

2016 to 2017 **Co-Chair**, JCPP Pharmacists' Patient Care Process – Learning Engagement Team
American Association of Colleges of Pharmacy – COD & COF Taskforce

2013 to 2016 **Member**, Nominations Committee – Council of Deans
American Association of Colleges of Pharmacy

2013 to 2104 **Member**, *ad hoc* Input to the ACPE Standards Revision Committee
American Association of Colleges of Pharmacy

2007 to 2014 **Member**, Lexi-Comp Academic Advisory Council
Lexi-Comp

2005 to 2014 **Alternate Delegate**, Council of Deans
American Association of Colleges of Pharmacy

2012 to 2013 **Member**, CAPE Educational Outcomes Revision Committee
American Association of Colleges of Pharmacy

2012 to 2013 **Immediate Past-Chair**, Assessment Special Interest Group
American Association of Colleges of Pharmacy

2011 to 2012 **Chair**, Assessment Special Interest Group
American Association of Colleges of Pharmacy

2010 to 2011 **Chair**, Women's Faculty Special Interest Group Resolutions Committee
American Association of Colleges of Pharmacy

2009 to 2011 **Member**, Women's Faculty Special Interest Group Resolutions Committee
American Association of Colleges of Pharmacy

2009 to 2011 **Chair-Elect**, Assessment Special Interest Group
American Association of Colleges of Pharmacy

2009 to 2010 **Chair**, Institutional Research and Assessment Committee
American Association of Colleges of Pharmacy

PROFESSIONAL SERVICE: Previous Participation, continued

National Level

- 2008 to 2010 **Member**, Institutional Research and Assessment Committee
American Association of Colleges of Pharmacy
- 2006 to 2008 **Member**, Task Force Committee on *Journal* Improvement
American Association of Colleges of Pharmacy
- 2006 to 2007 **Member**, Task Force Committee on Funding/Benefits for Residencies
American Association of Colleges of Pharmacy
- 2005 to 2007 **Member**, Board of Directors
Pediatric Pharmacy Advocacy Group
- 2005 to 2007 **Member**, Committee for Educational Needs Assessment and Evaluation
Pharmat, Inc.
- 2004 to 2007 **Member**, COD/COF ACPE Research Metrics Task Force Committee
American Association of Colleges of Pharmacy
- 2001 to 2007 **Member**, Research Committee
Pediatric Pharmacy Advocacy Group
- 2000 to 2007 **Member**, *The Journal of Pediatric Pharmacology and Therapeutics*
Editorial Board
- 2002 to 2005 **Member**, Education Committee
Pediatric Pharmacy Advocacy Group
- 2002 to 2003 **Delegate**, Council of Faculty
American Association of Colleges of Pharmacy
- 2000 to 2002 **Alternate Delegate**, Council of Faculty
American Associations of Colleges of Pharmacy
- 2000 to 2002 **Reviewer**, *Pediatric Injectable Drugs* Editor: SJ Phelps 6th Edition, 2002
American Society of Health-Systems Pharmacists

SCHOLARSHIP: Publications

Peer-Reviewed Publications

Cain J, **Stowe CD**, Ali D, Romanelli F. How faculty recognized for teaching excellence interpret and respond to student ratings of teaching. *American Journal of Pharmaceutical Education* 2019 May;83(4):6680 (Posted online on 29November2017).

O'Brien CE, Flowers SK, **Stowe CD**. Desirable skills in new pharmacists. *Journal of Pharmacy Practice* 2017; Feb; 30(1):94-98. doi: 10.1177/0897190015621804. Epub 2016 Jul 9. Published online 2015December23

Heldenbrand SD, Flowers SK, Bordelon BJ, Gubbins PO, O'Brien C, **Stowe CD**, Martin BC. Multiple Mini-Interview performance predicts academic difficulty in the PharmD curriculum. *American Journal of Pharmaceutical Education* 2016;80(2) Article 27.

Castleberry AN, Schneider EF, Carle MH, **Stowe CD**. Development of a Summative Examination with Subject Matter Expert Validation. *American Journal of Pharmaceutical Education* 2016;80(2) Article 29.

DiVall MV, Alston GL, Bird E, Burning SM, Kelley KA, Murphy NL, Schlesselman LS, **Stowe CD**, Szilagyi JE. A faculty toolkit for formative assessment in pharmacy education. *American Journal of Pharmaceutical Education* 2014;78(9) Article 160.

Schneider EF, Castleberry AN, Vuk J, **Stowe CD**. Pharmacy students' ability to think about thinking. *American Journal of Pharmaceutical Education* 2014;78(8) Article 148.

Stowe CD, Castleberry AN, O'Brien CE, Flowers SK, Warmack TS, Gardner SF. Development and implementation of the multiple mini-interview (MMI) in pharmacy admissions. *Currents in Pharmacy Teaching & Learning* 2014;6:849-855. DOI: <http://dx.doi.org/10.1016/j.cptl.2014.07.007>

Payakachat N, Gubbins PO, Ragland D, Flowers SK, **Stowe CD**. Factors associated with health-related quality of life of student pharmacists. *American Journal of Pharmaceutical Education* 2014;78(1) Article 7.

SCHOLARSHIP: Publications, continued

Peer-Reviewed Publications

Medina MS, Plaza CM, **Stowe CD**, Robinson ET, DeLander G, Beck DE, Melchert RB, Supernaw RB, Roche VF, Gleason BL, Strong MN, Bain A, Meyer GE, Dong BJ, Rochon J, Johnston P. Report of the 2012-2013 Academic Affairs Standing Committee: Revising the Center for the Advancement of Pharmacy Education (CAPE) Educational Outcomes 2013. *American Journal of Pharmaceutical Education* 2013;77(8) Article S8.

Medina MS, Plaza CM, **Stowe CD**, Robinson ET, DeLander G, Beck DE, Melchert RB, Supernaw RB, Roche VF, Gleason BL, Strong MN, Bain A, Meyer GE, Dong BJ, Rochon J, Johnston P. Center for the Advancement of Pharmacy Education 2013 Educational Outcomes. *American Journal of Pharmaceutical Education* 2013;77(8) Article 162.

Payakachat N, Gubbins PO, Ragland D, Norman SE, Flowers SK, **Stowe CD**, DeHart DM, Pace A, Hastings JK. Academic help-seeking behavior among student pharmacists. *American Journal of Pharmaceutical Education* 2013;77(1) Article 7.

O'Brien CE, Anderson P, **Stowe CD**. Lubiprostone for constipation in adults with cystic fibrosis: a pilot study. *Annals of Pharmacotherapy* 2011;45(9):1061-6. Epub 2011 Aug 8

Donahower BC, McCullough SS, Hennings L, Simpson PM, **Stowe CD**, Saad AG, Kurten RC, Hinson JA, James LP. Human recombinant vascular endothelial growth factor (hrVEGF) reduces necrosis and enhances hepatocyte regeneration in a mouse model of acetaminophen toxicity. *Journal of Pharmacology and Experimental Therapeutics* 2010;334(1):33-43. Epub 2Apr 2010

O'Brien CE, Anderson P, **Stowe CD**. Use of the chloride channel activator lubiprostone for constipation in adults with cystic fibrosis: a case series. *Annals of Pharmacotherapy* 2010;44(3):577-81. Epub 16Feb2010

Franks AM, O'Brien CE, **Stowe CD**, Wells TG, Gardner SF. Candesartan Cilextil effectively reduces blood pressure in hypertensive children. *Annals of Pharmacotherapy* 2008;42:1388-1395. Epub 2008 Jul 29.

O'Brien CE, Harik N, James L, Seib P, **Stowe CD**. Cesium chloride induced QT prolongation in an adolescent. *Pharmacotherapy* 2008;28(8):1059-1065.

O'Brien CE, Franks AM, **Stowe CD**. Multiple rubric-based assessments of student case presentations. *American Journal of Pharmaceutical Education* June 2008;72(3):Article 58.

Nelson A, Godwin H, Gourley D, Lee M, Pieper J, Pritchard L, **Stowe CD**, Taylor C. Final report deans' council task force on post graduate pharmacy (residency) education July 20107. *American Journal of Pharmaceutical Education* 2007;71(5) Article S06.

Blake MJ, Gaedigk A, Pearce RE, Bomgaars LR, Christensen ML, **Stowe CD**, James LP, Wilson JT, Kearns GL, Leeder JS. Ontogeny of dextromethorphan O- and N-demethylation in the first year of life. *Clinical Pharmacology & Therapeutics* 2007;81(4):510-516.

Gardner SF, **Stowe CD**. The impact of a gender shift on a profession: Women in pharmacy. *Forum on Public Policy Online*. Winter 2007 edition <http://www.forumonpublicpolicy.com/archive07/gardner.pharmacy.pdf> accessed on 3/14/07.

Sisterhen LL, **Stowe CD**, Blaszkak CK, Blaszkak RT. Disposition of ceftazidime following intraperitoneal administration in adolescent patients receiving continuous cycling peritoneal dialysis. *American Journal of Kidney Diseases*. 2006;47(3):503-508.

Stowe CD, Gardner SF. Real-time standardized participant grading of an objective structured clinical examination. *American Journal of Pharmaceutical Education*. 2005;69(3):272-275.

Muldrew K, Maples HD, **Stowe CD**, Jacobs R. Intravenous Voriconazole Use in a Preterm Infant. *Pharmacotherapy*. 2005;25(6):893-898. (CASE REPORT)

Harris BN, West DS, Johnson JT, Hong SH, **Stowe CD**. Effects on the cost and utilization of proton pump inhibitors from adding over-the-counter omeprazole to drug benefit coverage in a state employee health plan. *Journal of Managed Care Pharmacy* 2004;10(5):449-55. Erratum in *J Manag Care Pharm* 2005 Jan-Feb; 11(1):87

Johnson JT, **Stowe CD**, Savidge MA, Gardner SF. Enhancing the quantity and quality of student comments on teaching assessment. *Journal of Pharmacy Teaching* 2004;11(1):41-56.

SCHOLARSHIP: Publications, continued

Peer-Reviewed Publications

Maples HD, **Stowe CD**, Saccente SL, Jacobs RF. Voriconazole serum concentration in an infant treated for *Trichosporon beigelii* infection. *Pediatric Infectious Disease Journal*. 2003;22(11):1022-4.

Maples HD, James LP, **Stowe CD**, Jones DP, Hak EB, Blumer JL, Vogt B, Wilson JT, Kearns GL, Wells TG. Famotidine Disposition in Children and Adolescents with Chronic Renal Insufficiency. *Journal of Clinical Pharmacology* 2003;43(1):7-14.

Gardner SF, Chamberlin GD, Heestand DE, **Stowe CD**. Interdisciplinary Didactic Instruction at Academic Health Centers in the United States: Attitudes and Barriers Affecting Its Delivery. *Advances in Health Science Education* 2002;7(3):179-190.

Stowe CD, Gardner SF, Gist CC, Schulz EG, Wells TG. 24-Hour Ambulatory Blood Pressure Monitoring in Male Children Receiving Stimulant Therapy. *Annals of Pharmacotherapy* 2002;36:1142-9.

Gardner SF, **Stowe CD**, Hopkins DD. A Comparison of Traditional Testing Methods and Standardized Patient Examinations for Therapeutics. *American Journal of Pharmaceutical Education* 2001;65:236-240.

Stowe CD, Gardner SF. Hypertension Associated with Adderall® Use in a Pediatric Patient with ADHD *Journal of Pediatric Pharmacology and Therapeutics* 2001;6:347-350. (CASE REPORT)

Stowe CD, Bolliger T, James LP, Haley TM, Griebel ML, Farrar HC. Acute Mental Status Changes and Hyperchloremic Metabolic Acidosis with Long-Term Topiramate Therapy. *Pharmacotherapy* 2000;20:105-109. (CASE REPORT)

James LP, **Stowe CD**, Argao EA. Gastric Injury Following Copper Sulfate Ingestion. *Pediatric Emergency Care* 1999;15:429-431. (CASE REPORT)

James LP, **Stowe CD**, Farrar HC, Menendez AA, Argao EA. The Pharmacokinetics of Oral Ranitidine in Children and Adolescents with Cystic Fibrosis. *Journal of Clinical Pharmacology* 1999;39:1242-1247.

Stowe CD, Phelps SJ. Reduced Clearance of Theophylline in Down Syndrome. *Journal of Clinical Pharmacology* 1999;39:359-365. (CASE REPORT SERIES)

James LP, Marotti T, **Stowe CD**, Farrar HC, Taylor BJ, Kearns GL. Pharmacokinetics and Pharmacodynamics of Famotidine in Infants. *Journal of Clinical Pharmacology* 1998;38:1089-1095.

Stowe CD, Storgion SA, Lee KR, Phelps SJ. Hemodynamic Response to Intentionally Altered Flow Continuity of Dobutamine and Dopamine by an Infusion Pump in Infants. *Pharmacotherapy* 1996;16:1018-1023.

Book Chapters and Invited Reviews

Stowe CD, Gardner SF. "Leading UP: How to Manage Your Boss", in The Dean's Compass: Practical Advice for Achieving Excellence. Chase P, Hayes B, Yanchick V, 1st ed. American Association of Colleges of Pharmacy, Alexandria, VA, 2008.

Maples HD, James LP, **Stowe CD**. Chapter : "Special Pharmacokinetic and Pharmacodynamic Considerations in Pediatrics", in Applied Pharmacokinetics and Pharmacodynamics: Principles of Therapeutic Drug Monitoring. Burton ME, Shaw LM, Schentag JJ, Evans WE 4th ed. Lippincott Williams & Wilkins, Philadelphia, 2006.

Stowe CD, Maples HD. "Immunizations", in Pediatric Pharmacotherapy Continuing Education Workbook. Kuhn RJ, 4th ed. University of Kentucky Press. Lexington, Kentucky, 2003.

Maples HD, **Stowe CD**. Pediatric Pharmaceutical Care in the Community Setting. *America's Pharmacist*. 2002; November 38-43.

Wells TG, **Stowe CD**. An Approach to the Use of Antihypertensive Drugs in Children and Adolescents. *Current Therapeutic Research* 2001;62:329-350.

Stowe CD, Jacobs RF. Treatment of Tuberculous Infection and Disease in Children: The North American Perspective. *Paediatric Drugs* 1999;1(4):299-312.

Stowe CD, Butler DR. "Immunizations", in Pediatric Pharmacotherapy Continuing Education Workbook. Kuhn RJ, 3rd ed. University of Kentucky Press. Lexington, Kentucky, 1999.

SCHOLARSHIP: Publications, continued

Book Chapters and Invited Reviews

Pohlkamp TM, Christensen CT, **Stowe CD**. Lung Surfactants. Invited review published by *University HealthSystem Consortium Drug Monograph* series. December 1998.

Stowe CD, Farrar HC. Chapter 305: “Pharmacokinetics of Antimicrobials”, in Principles & Practice of Pediatric Infectious Diseases. Long SS, Pickering LK, Prober CG 1st ed. Churchill Livingstone, New York, New York. 1997.

Stowe CD, Phelps SJ, Hak EB. Chapter 61: “Immunizations”, in Textbook of Therapeutics Drug Disease Management. Herfindal ET, Gourley DR, Hart LL, 6th ed. Williams & Wilkins, Baltimore, Maryland. 1996.

Stowe CD, Ivey M, Kuhn RJ, Piccoro JJ. Chapter 7: “Intravenous Pediatric Medications”, in Problems in Pediatric Drug Therapy. Pagliaro LA and Pagliaro AM, 3rd ed. Hamilton Press, Inc. Hamilton, IL, 1994.

Stowe CD, Butler DR. “Immunizations”, in Pediatric Pharmacotherapy Continuing Education Workbook. Kuhn RJ, 2nd ed. University of Kentucky Press. Lexington, Kentucky, December 1993.

Stowe CD, Gora ML. Naloxone in the Treatment of Dementia. *The Annals of Pharmacotherapy* 1993;27(4):447-448.

Stowe CD, Kuhn RJ, Calhoun D. Guidelines for Administration of Medications in the Neonatal Intensive Care Unit. 2nd ed. University of Kentucky Press. Lexington, Kentucky, June 1993.

Abstracts-Presentations and Letters

Bryan, K, Freeman PR, Henry E, Dieters K, Hanna C, **Stowe CD**. Kentucky Pharmacists’ Interest in and Perceived Barriers to Providing Protocol-driven Care. *American Journal of Pharmaceutical Education* May/June 2019.

March 2019: Poster Presentation – American Pharmacists Association Annual Meeting, Seattle, Washington

Fostering a culture of collaboration using the four frames model.

July 2018: College Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Boston, Massachusetts

Standard 4.1 and a professional development and advising plan for student achievement of educational outcomes.

July 2017: College Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Nashville, Tennessee

Daugherty KK, Zhao Y, Stutz MM, **Stowe CD**. Predictors of NAPLEX performance in an accelerated program. *American Journal of Pharmaceutical Education* 2016;80(5) Article:S2, page 79.

July 2016: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Anaheim, California

Castleberry AN, Housley CL, Payakachat N, **Stowe CD**. CHARMing students with feedback in authentic assessment. *American Journal of Pharmaceutical Education* 2015;79(5) Article:S4, page 42.

July 2015: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, National Harbor, Maryland

Castleberry AN, Payakachat N, Heldenbrand SD, Neill KK, **Stowe CD**. First impressions: how interview communication indicators correlate with curricular performance. *American Journal of Pharmaceutical Education* 2015;79(5) Article:S4, page 58.

July 2015: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, National Harbor, Maryland

Housley CL, Bailey B, Hamilton E, Carle MH, **Stowe CD**, Castleberry AN, Neill KK. Progressive, proactive professional development with PROfolios. *American Journal of Pharmaceutical Education* 2015;79(5) Article:S4, page 84.

July 2015: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, National Harbor, Maryland

Castleberry AN, Neill KK, Payakachat N, **Stowe CD**. A CHARMing method of authentic assessment. *American Journal of Pharmaceutical Education* 2015;79(5) Article:S4, page 101-2.

July 2015: School Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, National Harbor, Maryland

SCHOLARSHIP: Publications, continued

Abstracts-Presentations and Letters

Castleberry A, Neill K, Jones K, **Stowe CD**, Franks AM. Use of cardiology simulation exercise to enhance students learning in a pharmacology course. *American Journal of Pharmaceutical Education* 2013;77(5) Article:109.

July 2013: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Chicago, Illinois

Heldenbrand S, Flowers S, **Stowe CD**, Martin B. Predictors of Admission. *American Journal of Pharmaceutical Education* 2013;77(5) Article:109.

July 2013: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Chicago, Illinois

Payakachat N, Norman SE, Gubbins PO, Flowers SK, **Stowe CD**, DeHart RM, Ragland D, Pace A, Hastings JK. Academic help-seeking behaviors among pharmacy students: a mixed method approach. *American Journal of Pharmaceutical Education* 2012;76(5) Article: 99.

July 2012: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Kissimmee, Florida

Gardner SF, **Stowe CD**. Implementation of an interprofessional seminar series on an academic health center campus. *American Journal of Pharmaceutical Education* 2010; 75(5) Article:105

July 2011: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, San Antonio, Texas

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]

October 2010: Platform Presentation – American College of Clinical Pharmacy Annual Meeting, Austin, Texas

Stowe CD, Schneider EF, Thomas JL, Breen PJ, Ragland D, Heldenbrand SD, Hastings JK, Gardner SF. Development and implementation of a high-stakes objective structured clinical examination (OSCE)-based senior summative examination. *American Journal of Pharmaceutical Education* 2010; 74(5) Article:96

July 2010: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Seattle, Washington

Schneider EF, **Stowe CD**, Carle MH, Breen PJ, Gardner SF. Design, implementation, and evaluation of a summative exam for P-2 students. *American Journal of Pharmaceutical Education* 2010; 74(5) Article:96

July 2010: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Seattle, Washington

DeHart RM, Stewart MK, Carle MH, **Stowe CD**, Gardner SF. Student attitudes towards incorporating cultural awareness activities into a required first year pharmacy course. *American Journal of Pharmaceutical Education* 2010; 74(5) Article:96

July 2010: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Seattle, Washington

Carle MH, Dubriske DA, Freeman KA, Smith RM, **Stowe CD**. Broadening coursework horizons: designing online course for significant learning. *American Journal of Pharmaceutical Education* 2010; 74(5) Article:96

July 2010: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Seattle, Washington

Carle MH, Freeman KA, Dubriske DA, Smith RM, **Stowe CD**. Integrating a virtual learning environment into faculty culture. *American Journal of Pharmaceutical Education* 2010; 74(5) Article:96

July 2010: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Seattle, Washington

O'Brien CE, Flowers SK, Payakachat N, **Stowe CD**. Preferred communication methods among pharmacy students. *American Journal of Pharmaceutical Education* 2010; 74(5) Article:96

July 2010: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Seattle, Washington

Neill KK, Schneider EF, Carle MH, **Stowe CD**. Faculty development workshop series to improve delivery and assessment of student learning. *American Journal of Pharmaceutical Education* 2010; 74(5) Article:96

July 2010: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Seattle, Washington

Dubriske DA, Smith RM, Carle MH, Freeman KA, **Stowe CD**. Use of a learning managements system to cultivate significant learning.

July 2010: Poster Presentation – BbWorld '10 Meeting, Orlando, Florida

O'Brien CE, Anderson PJ, **Stowe CD**. Lubiprostone for the treatment of constipation in adults with cystic fibrosis: preliminary results. *Pediatric Pulmonology* 2009;40(S32):547.

October 2009: Poster Presentation – North American Cystic Fibrosis Annual Meeting, Minneapolis, Minnesota

SCHOLARSHIP: Publications, continued

Abstracts-Presentations and Letters

O'Brien CE, Flowers SK, **Stowe CD**. Comparison of responses to UAMS College of Pharmacy Employer and Graduate Surveys. *American Journal of Pharmaceutical Education* 2009; 73(4) Article:57

July 2009: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Boston, Massachusetts

Stowe CD, Flowers SK, Warmack TS, O'Brien CE, Gardner SF. An interview objective structured clinical examination (OSCE): Multiple mini-interview (MMI). *American Journal of Pharmaceutical Education* 2008;72(3, Article 72).

July 2008: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Chicago, Illinois

Stowe CD, O'Brien CE, Warmack TS, Gardner SF. Communication skill development: OSCE assessment of lay and healthcare provider encounter. *American Journal of Pharmaceutical Education* 2007;71(3, Article 60).

July 2007: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Orlando, Florida

O'Brien CE, Franks AM, Dickey K, **Stowe CD**. Multiple rubric-based assessments of student case presentations in recitation. *American Journal of Pharmaceutical Education* 2007;71(3, Article 60).

July 2007: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Orlando, Florida

Flowers SK, **Stowe CD**, Hastings J. Utilizing service based learning to teach self-care topics to teachers and parents. Unpublished.

June 2007: Round-table Educational Best Practices – American Pharmacy Association Self-Care Institute, Philadelphia, Pennsylvania

Gardner SF, **Stowe CD**. Stimulant utilization in children under a state employee benefit program. *Value in Health* 2007;10(3):A79.

May 2007: Poster Presentation – ISPOR 12th Annual International Meeting, Arlington, Virginia

Franks AM, **Stowe CD**. A college of pharmacy elective course in research design. Unpublished.

January 2007: Poster Presentation – UAMS Teaching Scholars Day, Little Rock, Arkansas

Stowe CD, Gardner SF. Student perceptions of introductory pharmacy practice experiences. *American Journal of Pharmaceutical Education* 2006;70(3):55-56.

July 2006: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, San Diego, California

Franks AF, Gardner SF, **Stowe CD**, Wells TG. Candesartan cilexetil effectively reduces blood pressure in hypertensive children. *Pharmacotherapy* 2005;25:1488.

Stowe CD. Advances in immunization technology. Unpublished

December 2004: Invited Platform Presentation – American Society of Health-System Pharmacist Midyear Clinical Meeting, Orlando, Florida

Stowe CD, Gardner SF. Comparing inter-rater reliability between faculty and standardized participant (SP). Graders in an Objective Structured Clinical Exam (OSCE). *American Journal of Pharmaceutical Education*. 2004;68(2, Article 54):32A.

July 2004: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Salt Lake City, Utah

Maples HD, **Stowe CD**, James LC, Darville T. Evaluation of short course direct observational therapy in pediatric HIV patients. *Journal of Investigative Medicine* 2004;52:S215.

Stowe CD. Review of “Guidelines for the acute medical management of severe traumatic brain injury in infants, children, and adolescents” in *Journal of Pediatric Pharmacology and Therapeutics* 2003;8(3):222-4. (LETTER)

Maples HD, West DS, Hubbard C, **Stowe CD**. Student use of personal digital assistants on senior pediatric clerkships. *Pharmacotherapy* 2003;23:417.

Maples HD, Darville T, **Stowe CD**. Evaluation of Trizivir[®] in pediatric HIV patients. *Journal of Investigative Medicine*. 2003;51:S308A.

Stowe CD, Gardner SF, Christensen KJ. Standardized patient examination scores are useful in identifying students most in need of remediation. *American Journal of Pharmaceutical Education* 2003;66:94s.

July 2002: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Kansas City, Missouri

SCHOLARSHIP: Publications, continued

Abstracts-Presentations and Letters

Gardner SF, Chamberlin G, Heestand D, **Stowe CD**. Barriers affecting the delivery of interdisciplinary didactic instruction. *American Journal of Pharmaceutical Education* 2003;66:80s.

Harik N, **Stowe CD**, Sieb P. Cesium induced prolonged QT syndrome. *Journal of Investigative Medicine* 2002;50:S141A.

Maples HD, James LP, **Stowe CD**, Chesney R, Christensen M, Blumer J, Wilson J, Wells TG, Kearns G. Pharmacokinetics of famotidine in children and adolescents with chronic renal failure. *Clinical Pharmacology and Therapeutics* 2002;71:P4.

Stowe CD, Gardner SF. Is There a Correlation between Traditional Testing Methods and Standardized Patient Examinations as a Tool for Assessment in Therapeutics? *American Journal of Pharmaceutical Education* 2001;65:87s.

July 2001: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, Toronto, Canada

James LP, **Stowe CD**, Letzig L, Wells E, Graham CJ, Farrar HC. Fosphenytoin Conversion in Infants: An *In Vitro* Study. *Clinical Pharmacology and Therapeutics* 2001;69:P51.

Stowe CD. Pediatric immunization: therapeutic update and the pharmacist's role. *International Pharmaceutical Abstracts* 2000;35:PI-35.

December 2000: Invited Platform Presentation – American Society of Health-System Pharmacist Midyear Clinical Meeting, Las Vegas, Nevada

Gardner SF, **Stowe CD**, Lewis YL. Reaching the Patient with Low Literacy: An Elective for Third Year Pharmacy Students. *American Journal of Pharmaceutical Education* 2000;64:116s-117s.

Stowe CD, Johnson JT, Savidge MA, Gardner SF. Increased Student Participation in the Evaluation of Faculty in a Team-Taught Course. *American Journal of Pharmaceutical Education* 2000;64:109s.

July 2000: Poster Presentation – American Association of Colleges of Pharmacy Annual Meeting, San Diego, California

Stowe CD, Melchert RB, James LP. Effect of Dietary Protein on CYP3A Activity in Primary Rat Hepatocyte Culture. *Clinical Pharmacology and Therapeutics* 2000;67:149A.

March 2000: Poster Presentation – American Society of Clinical Pharmacology and Therapeutics Annual Meeting, Los Angeles, California

Stowe CD, Bolliger TL, James LP, Farrar HC, Enderlin G. Prospective Therapeutic Drug Monitoring Program in a Tertiary Care, Pediatric Hospital. *Pharmacotherapy* 1998;18:1173A.

November 1998: Poster Presentation – American College of Clinical Pharmacy Annual Meeting, Cincinnati, Ohio

Bolliger TL, **Stowe CD**, James LP, Pohlkamp M, Farrar HC, Enderlin G. Decreased Gentamicin and Vancomycin Levels in a Level III Neonatal Intensive Care Unit. *Pharmacotherapy* 1998;18:1173A.

James LP, Marotti T, **Stowe CD**, Farrar HC, Taylor BJ, Kearns GL. Famotidine Pharmacokinetics and Pharmacodynamics in Infants. *Clinical Pharmacology and Therapeutics* 1998; 63(2):190A.

James LP, Marotti T, **Stowe CD**, Farrar HC. Pharmacokinetics and Pharmacodynamics of Famotidine in Infants. *Journal of Investigative Medicine* 1998;46(1):7A.

Stowe CD. Pharmacokinetic Alterations Following Severe, Acute Neurotrauma. *International Pharmaceutical Abstracts* 1996;33(21):2316A.

December 1996: Invited Platform Presentation – American Society of Health-System Pharmacist Midyear Clinical Meeting, New Orleans, Louisiana

Stowe CD, Storgion SA, Lee KR, Phelps SJ. Severe, Acute Neurotrauma Alters Phenytoin Pharmacokinetics in Children. *Pediatric Research* 1996;39(4 part 2):80A.

May 1996: Poster Presentation – Society of Pediatric Research Annual Meeting, Washington, District of Columbia

Stowe CD. Xenobiotics in Breast Milk. *International Pharmaceutical Abstracts* 1995;32(9):801A.

June 1995: Invited Platform Presentation – American Society of Health-System Pharmacist Annual Meeting, Philadelphia, Pennsylvania

Stowe CD, Storgion SA, Lee KR, Phelps SJ. Effect of an Infusion Device Rate Pulse Technology on Pharmacodynamic Response to Dobutamine in Infants. *Clinical Research* 1993;41(4):783A.

February 1994: Platform Presentation – Southern Society of Pediatric Research Meeting, New Orleans, Louisiana

SCHOLARSHIP: Publications, continued

Abstracts-Presentations and Letters

Stowe CD, Record KE. Documentation of the effect of clinical pharmacy services on the quality assurance of a criteria-based antimicrobial program. *International Pharmaceutical Abstracts* 1992;27:P-95E.

December 1992: Poster Presentation – American Society of Health-System Pharmacist Midyear Clinical Meeting, Orlando, Florida

SCHOLARSHIP: Grants and Projects

Patent & Copyright

CHARM Assessment Tool. Submitted on August 6, 2015 to the UAMS Patent and Copyright Committee.

Extramural Funding

2007 Wal-Mart Annual Conference Scholarship Program recipient. Fellow-Catherine E. O'Brien & Faculty Mentor – Cindy D. Stowe: **\$1000**.

Unrestricted Educational Grant: TAP Pharmaceuticals, Inc. for UAMS COP CE Office. August 2005; **\$4538**

Co-Investigator, “Global assessment of pharmacy student performance in an objective structured clinical examination (OSCE) by senior medical student physician-standardized participants (SPs).” (Sherry Johnson, Principal Investigator) Association of Standardized Patient Educators. April 15, 2005; **\$4950**

Unrestricted Educational Grant: Wyeth Pharmaceuticals, Inc. for UAMS COP CE Office. August 2004; **\$2000**

Unrestricted Educational Grant: Wyeth Pharmaceuticals, Inc. for UAMS COP CE Office. April 2004; **\$3000**

Sub-Investigator, “Network of Pediatric Pharmacology Research Units.” (Thomas G. Wells, Principal Investigator), National Institute of Child Health and Human Development. NIH RFA: HD-98-002. February 1, 2004-January 31, 2009

Sub-Investigator, “Pharmacokinetics of ceftazidime following intraperitoneal administration in pediatric patients receiving continuous cycling peritoneal dialysis.” (Richard T. Blaszak, Principal Investigator) National Kidney Foundation of Arkansas, 2002 Chastain Research Grant. January 1, 2003; **\$10,000**

Sub-Investigator, “A pilot study to determine the effects of candesartan on blood pressure and renal hemodynamics in hypertensive children.” (Amy Franks, Principal Investigator) National Kidney Foundation of Arkansas, 2001 Chastain Research Grant. January 1, 2002; **\$10,000**

Principal Investigator (Local site: UAMS/ACH), “Ontogeny of CYP2D6 activity during the first year of life.” (J. Steven Leeder, Principal Investigator; University of Missouri, Kansas City & Children’s Mercy Hospital) National Institute of Child Health and Human Development. HD36783-01. Sub-contract Multicenter Project. March 2000. **\$9500**

Sub-Investigator, “Network of Pediatric Pharmacology Research Units.” (Thomas G. Wells, Principal Investigator), National Institute of Child Health and Human Development. NIH RFA: HD-98-002. February 1, 1999-January 31, 2004. Title: Associate Pharmacologist; **50% salary savings for 2.5 years**

Principal Investigator, “The effect of antihypertensive agents on plasma lipids in children with renal disease and hypertension.” National Kidney Foundation of Arkansas, 1996 Chastain Research Grant. January 1, 1997; **\$10,000**

Principal Investigator, “Pharmacokinetics & pharmacodynamics of furosemide complexed with albumin.” Astra Clinical Pharmacy Research Award in the first Award category. December 1, 1996; **\$10,000**

Intramural Funding

Co-Investigator, “Pharmacokinetics of pravastatin in children with end-stage renal disease.” (Richard T. Blaszak, Principal Investigator) Dean’s Research Development Fund. Submitted September 1, 2006; **\$26,690**

Co-Investigator, “Ketamine pharmacokinetic in children undergoing cardiac surgery.” Dean’s / Children’s University Medical Group Research Development Fund (ACHRI). Funded with residual funds from group of investigators January 2006

Co-Investigator, “Lansoprazole disposition in young children with cystic fibrosis.” (Holly D. Maples, Principal Investigator) UAMS 2006 Medical Research Endowment Proposal. November 2005; **\$15,000**

SCHOLARSHIP: Grants and Projects, continued

Intramural Funding

Co-Investigator, "Maturation of P-glycoprotein on lymphocytes." Dean's / Children's University Medical Group Research Development Fund (ACHRI). January 2004; **\$19,678**

Principal Investigator, "Cardiovascular effects of methylphenidate versus Adderall® in the treatment of male children with ADHD as assessed by 24-hour ambulatory blood pressure monitoring." Dean's / Children's University Medical Group Research Development Fund (ACHRI). September 1999; **\$8200**

Co-Investigator, "Fosphenytoin disposition in infants: an *in vitro* analysis." Dean's / Children's University Medical Group Research Development Fund (ACHRI). March 1999; **\$8972**

Principal Investigator, "Effect of nutritional alteration on the activity of CYP3A subfamily in primary rat hepatocyte culture." UAMS Foundation Fund Board - Medical Research Endowment Awards. August 1, 1997; **\$7874**

Co-Investigator, "The impact of CYP2C19 genotype on the pharmacokinetics of intravenous lansoprazole in cystic fibrosis compared to normal children." (Holly D. Maples, Principal Investigator) American Association of Colleges of Pharmacy 2005-2006 New Investigators Program for Pharmacy Faculty. Submitted 5/05; \$10,000

Collaborative Research Projects

Co-Investigator, "Assessment of prescribing patterns for the treatment of ADD with or without hyperactivity among pediatric patients in Arkansas." (Stephanie F. Gardner, Principal Investigator), August 2006

Co-Investigator, "Comparison of self-, peer, and instructor assessments of case-based presentations in Therapeutics I Recitation Course." (Amy Franks, Principal Investigator), November 2005

Co-Investigator, "Effect of Cystic Fibrosis genotype and hepatic xanthine oxidase activity on the incidence and progression of hepatic dysfunction." (Marc G. Sturgill, Principal Investigator), UMDNJ-Robert Wood Johnson Medical School, January 1999

Sub-Investigator, "Ibuprofen: *In vivo* bioequivalence study (Study Number: IBU200)" (Henry C. Farrar, Principal Investigator), BASF. February 15, 1998

Co-Investigator, "A study of the steady-state pharmacokinetics of itraconazole and hydroxyitraconazole in pediatric patients" (Paul O. Gubbins, Principal Investigator), University of Arkansas for Medical Sciences, February 1996

Co-Investigator, "Pharmacokinetics and pharmacodynamics of famotidine in infants." (Laura P. James, Principal Investigator), University of Arkansas for Medical Sciences, September 1995

Fellowship Projects

Principal Investigator, "Bioavailability of phenytoin suspension in young pediatric patients." LeBonheur Small Research Grant & General Clinical Research Center, The University of Tennessee, Memphis, June 1994; \$25,350

Principal Investigator, "Evaluation of the effect of storage temperature and length on protein binding of phenytoin in human serum." The University of Tennessee, Memphis, November 1993

Co-Investigator, "Phenytoin pharmacokinetics in critically ill pediatric patients with closed head injuries." (Stephanie J. Phelps, Principal Investigator), LeBonheur Small Research Grant & Bea Gerber Research Award, February 1994; \$15,000

Co-Investigator, "Effect of an infusion device rate pulse technology on the pharmacodynamic effect of select medications (Dopamine and Dobutamine)." (Stephanie J. Phelps, Principal Investigator), Baxter Edwards, Inc., June 1992; \$34,850

Residency Project

Sub-Investigator, "A pilot pharmacokinetic evaluation of the transfer of alprazolam into human breast milk." University of Kentucky, College of Pharmacy, Upjohn, Inc., August 1992 to June 1993; \$72,500

Undergraduate Project

Research Assistant, "Tissue specific regulation of the angiotensinogen gene." University of Kentucky College of Pharmacy, May 1989 to August 1990

SCHOLARSHIP: Contracts

Consultant, Contract from State of Arkansas Employee's Benefits Division with the UAMS College of Pharmacy. **15% salary savings January 1, 2004 – June 30, 2005**

Consultant, Contract from Arkansas Department of Health and Human Services with the UAMS College of Medicine Department of Pediatrics Section of Clinical Pediatric Pharmacology. **25% salary savings July 1, 2003 - June 30, 2004**

INSTRUCTION

PREVIOUS PARTICIPATION – SU COPHS

2016 to 2017 **Coordinator**, PHR5000 Introduction to Pharmacy Practice (1 credit hour)
2016 to 2017 **Lecturer**, PHR5000 Introduction to Pharmacy Practice (4 contact hours)
2014 to 2017 **Lecturer**, P2 Leadership Elective (2 contact hours)
2015 to 2015 **Lecturer**, Medicinal Chemistry & Pharmacology (2 contract hours)

PREVIOUS PARTICIPATION – UAMS College of Pharmacy & College of Medicine

2008 to 2014 **Preceptor**, Academic Pharmacy Elective APPE
2010 to 2013 **Lecturer**, Clinical Pharmacokinetics
2007 to 2009 **Mentor**, Pharmacy Practice III – Longitudinal IPPE
2007 to 2009 **Co-Coordinator**, Pharmacy Practice I (Introduction to Pharmacy)
2005 to 2009 **Lecturer**, Pharmacy Practice I (Introduction to Pharmacy)
2006 to 2008 **Team Member**, Clinical Pharmacology Research Fellowship Program
Catherine O'Brien, PharmD July 2006-2008
2004 to 2008 **Lecturer**, Applied Pharmacokinetics
2002 to 2006 & 2008 **Lecturer**, Therapeutics III
1998 to 2008 **Lecturer**, Pharmacy Practice III – Injection Technique Certification
2006 to 2007 **Lecturer**, Introduction to Research Methods (Elective)
2006 to 2007 **Lecturer**, Therapeutics I
2001 to 2005 **Director**, Clinical Pharmacology Research Fellowship Program
Holly D. Maples, PharmD July 2001 to June 2003
2000 to 2005 **Lecturer**, Clinical Pharmacology and Toxicology M4 Longitudinal Elective
COM University of Arkansas for Medical Sciences
1997 to 2005 **Co-Preceptor**, Pediatric Clinical Pharmacology and Toxicology Rotation
Arkansas Children's Hospital Housestaff
COM University of Arkansas for Medical Sciences
1997 to 2005 **Preceptor**, ASHP Accredited Pharmacy Practice Residency
University Hospital and VA Medical Center Hospital
1996 to 2005 **Preceptor**, Pharmacy Practice Pediatrics Rotation
1997 to 2004 **Mentor/Coordinator**, Independent Problems in Pharmacy Practice
1998 to 2001 **Coordinator and Lecturer**, Contemporary Issues in Pharmacy Practice
1996 to 2001 **Lecturer**, Therapeutics II
1998 to 2000 **Lecturer**, Pharmacokinetics
1997 to 2000 **Co-Preceptor**, COM Pediatric Clinical Pharmacology and Toxicology Rotation
1997 to 2000 **Lecturer**, Pharmacy Practice I - Physical Assessment
1996 to 1997 **Preceptor**, Pharmacy Practice Residency ASHP Accredited
Arkansas Children's Hospital

PREVIOUS PARTICIPATION – The University of Tennessee Health Science Center College of Pharmacy

1994 to 1995 **Teaching Assistant**, Applied Pharmacokinetics
1994 to 1995 **Lecturer**, Neonatal and Infant Therapeutic Selective Course
1993 to 1995 **Lecturer**, Pharmacotherapy I, II, & IV
1993 to 1995 **Co-preceptor**, Pediatric Pharmacokinetics Rotation
LeBonheur Children's Medical Center

PREVIOUS PARTICIPATION – University of Kentucky College of Pharmacy

1993 **Lecturer**, Applied Therapeutics (Doctor of Pharmacy)

INSTRUCTION

PREVIOUS PARTICIPATION – University of Kentucky College of Pharmacy

1991 to 1993

Co-Preceptor, Bachelor of Science & Doctor of Pharmacy Clerkship Students

1991 to 1992

Lecturer, Clinical Clerkship (Bachelor of Science)

PRESENTATIONS: Invited

July	2018	What Are We Doing with PCOA? Platform , AACP COD Special Session <i>Boston, Massachusetts</i>
July	2016	More Than Just Numbers: Providing Autonomy-Supportive Feedback for Large Student Populations Platform , AACP Special Session <i>Anaheim, California</i>
July	2014	Who & What You Know...Career Advancement Platform , AACP Women's Faculty Special Interest Group Luncheon <i>Grapevine, Texas</i>
July	2012	Summative Curricular Assessment: A case study at two schools of pharmacy Platform , American Association of Colleges of Pharmacy <i>Kissimmee, Florida</i>
July	2011	Recruiting and Training Standardized Patients – Tips & Tools for Success Platform , American Association of Colleges of Pharmacy <i>San Antonio, Texas</i>
August	2009	SP Use in the Education of Pharmacists Webinar , Association of Standardized Patient Educators
July	2009	High Stakes OSCE Platform , American Association of Colleges of Pharmacy <i>Boston, Massachusetts</i>
June	2009	SP Methodology across Professions Panel Discussion & Platform , Association of Standardized Patient Educators <i>Las Vegas, Nevada</i>
January	2009	Overview of College of Pharmacy Curriculum & Assessment Platform , Universidad Tecnica Particular de Loja <i>Loja, Ecuador</i>
April	2008	Your 1 st Position – How to get off on the right foot Workshop , Pediatric Pharmacy Advocacy Group <i>Little Rock, Arkansas</i>
October	2006	New Practitioner's Luncheon: Develop Your Strengths Platform , Pediatric Pharmacy Advocacy Group <i>San Francisco, California</i>
October	2005	Pediatric Immunization Update: Role of the Pharmacist Platform , Pediatric Pharmacy Advocacy Group <i>Chicago, Illinois</i>
November	2003	Hot Topics in Pediatric Immunization Platform , American College of Clinical Pharmacy <i>Atlanta, Georgia</i>
October	2003	Pediatric Clerkship Design Workshop , Pediatric Pharmacy Advocacy Group <i>Dana Point, California</i>
October	2002	New Vaccines and Pediatric Applications Platform , Pediatric Pharmacy Advocacy Group <i>St. Petersburg, Florida</i>
May	1999	Immunization Update and the Pharmacist's Role in Immunization Advocacy Platform , Kentucky Association of Health-System Pharmacists <i>Lexington, Kentucky</i>

PRESENTATIONS: Invited

June	1998	Review of Pediatric Drug Therapy Platform , Arkansas Pharmacist Association Annual Meeting <i>Little Rock, Arkansas</i>
March	1995	The What and Where Guide to Postgraduate Education Panel Discussion , American Pharmacist Association Annual Meeting & Exposition <i>Orlando, Florida</i>
February	1995	Stability of Free Phenytoin Concentration Following Ultrafiltrate Storage Poster , American College of Clinical Pharmacy Winter Forum <i>Orlando, Florida</i>
August	1994	Effect of an Infusion Device Rate Pulse Technology on Pharmacodynamic Response to Dobutamine in Infants Encore Poster , American College of Clinical Pharmacy Annual Meeting <i>St. Louis, Missouri</i>
November	1993	Alprazolam Transfer into Human Milk: <i>in vivo</i> Evaluation of a Diffusional Model Poster , American Association of Pharmaceutical Scientists Meeting <i>Orlando, Florida</i>

PRESENTATIONS: Continuing Pharmacy Education

November 2005	Update on Acute Otitis Media and Meningitis (Little Rock, AR)
September 2004	Arkansas Pharmacist Association Gold Certificate Program (Little Rock, AR) <i>Otitis Media Update</i> <i>Adult Immunizations: Focus on Prevention of Influenza & Pneumococcal Disease</i>
August 2004	Vacation Program (Orange Beach, AL) <i>Otitis Media Update</i> <i>Current Routine Pediatric Immunization and Future Possibilities</i> <i>Adult Immunizations: Focus on Prevention of Influenza & Pneumococcal Disease</i>
October 2003	Immunization Review (Lake Village, AR)
September 2003	Immunization Review (Destin, FL)
September 2002	New Vaccines and Pediatric Application (Helena, AR)
November 2001	Disease Screening in Obese Pediatric Patients (Little Rock, AR)
October 2001	Common Pediatric Infections: OM and Meningitis (Fayetteville, AR)
November 2000	Update on Immunizations (Jonesboro, AR)
August 2000	Update on Immunizations (El Dorado, AR)
Spring 2000	Dyslipidemia Disease State Management <i>Clinical Skills: Documentation</i>
September 1999	Update on Immunizations
Fall 1999	Asthma Disease State Management <i>Clinical Skills: Taking an Asthma History</i> <i>Clinical Skills: Documentation</i> <i>Progressive Case Facilitation</i>

HONORS

Professional Promotion Award (2018)	<i>Kentucky Pharmacists Association</i> Award giving to recognize individuals or organizations who have exhibited outstanding efforts to demonstrate the importance of pharmacy as a health care profession, and which promote proper application of pharmacists' professional services.
Award for Excellence in Assessment (2015)	<i>American Association of Colleges of Pharmacy</i> "CHARMING Feedback in Authentic Assessment" Castleberry AN, Neill KK, Stowe CD

HONORS, continued

Endowed Cindy D. Stowe (2014 – present) Clinical Excellence Award	<i>UAMS College of Pharmacy</i> Award giving to the senior student who has the highest score on the Summative Exam 2 OSCE
Faculty Marshal (2003, 2004, & 2005) Convocation & Commencement	<i>UAMS COP Graduating Class selection</i>
Published Biography (2003)	<i>Who's Who in America</i>
Most Outstanding Faculty Award (2002) Department of Pharmacy Practice	<i>UAMS COP Graduating Class of 2002</i>
The Impact Award (1993)	<i>University of Kentucky Residency Program</i>
Upjohn Pharmacy Research Award (1990)	<i>University of Kentucky College of Pharmacy</i>
Excellence in Pharmacology Award (1989)	<i>University of Kentucky College of Pharmacy</i>

PROFESSIONAL DEVELOPMENT

University of Arkansas for Medical Sciences

2019 to present Provost Leadership Book Club Leader: Stephanie F. Gardner, PharmD, EdD

Sullivan University

2014 to 2019 COPHS Faculty and Staff Book Club
5-6 books annually (leadership, cognitive psychology, innovation, healthcare, etc.)
January to December 2015 Louisville Healthcare Fellow
Health Enterprises Network: Mike Muldoon, Executive Director

University of Arkansas for Medical Sciences

May 2007 to May 2014 COP Leadership Book Club Leader: Stephanie F. Gardner, PharmD, EdD
July 2004 to June 2006 COM-DOP Leadership Book Club Leader: Debra Fiser, MD
July 2004 to July 2005 AACP Academic Leadership Fellows Program
Mentors: Stephanie F. Gardner, PharmD, EdD
Katherine E. Stewart, PhD, MPH
September 1998 to 2000 UAMS Teaching Scholars
Lee Lee Doyle, PhD, Diane Heestand, EdD, and Glenda Cooper, MA
January 1997 to May 1997 IRED 7360 Seminar in Improvement of Curriculum & Instruction in Health Professions Education
Diane E. Heestand, PhD and Ruth Allen, PhD

The University of Tennessee, Memphis The Health Science Center

August 1994 to May 1995 BIO 711 & 721 Biostatistics for Health Sciences
Jim Y. Wan, PhD
August 1993 to June 1995 Pharmacokinetic Journal Club
John Lima, PharmD
August to December 1994 BIO 928 Principles of Mass Spectrometry
Dominic Desiderio, PhD
July to October 1993 PD 476 Advanced Pharmacokinetics and Pharmacodynamics
John Lima, PharmD

COMMUNITY SERVICE

Spring 2013 & 2014 Basketball Coach, Pulaski United Methodist League (14-18 year-old girls)
Summer 2003 Softball Coach, Highway 10 Co-ed League (6-9 year-olds)

CERTIFICATION

May 2016 to present
August 2015 to present
September 1987 to 2017
October 1997 to 2011
November 1992 to 1997

NPI #1235585860 (CMS)
Naloxone Dispensing Certified (KY SBoP)
Basic Cardiac Life Support - Healthcare Provider
Injection Certification (AR)
Pediatric Advanced Life Support Provider