

Schwanda K. Flowers
Assistant Dean for Experiential Education
Assistant Professor
UAMS College of Pharmacy
Department of Pharmacy Practice
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Curriculum Vitae

PERSONAL DATA

Home Address: 7136 Springdale Rd.
Alexander, AR 72002
501-316-0919
Pharmacy License: Arkansas (#8901) Preceptor's license since 2001
Electronic mail address: skflowers@uams.edu

EDUCATION

Doctor of Pharmacy August 1995-May 1999
University of Arkansas for Medical Sciences
College of Pharmacy
Little Rock, Arkansas

FACULTY APPOINTMENTS

Assistant Dean for Experiential Education, University of Arkansas for Medical
Sciences College of Pharmacy
August 2007- present

Assistant Professor, Department of Pharmacy Practice, University of Arkansas
for Medical Sciences College of Pharmacy
July 2005- present

Community Pharmacy Practice Residency Director 2008-present

FELLOWSHIP

AACP Academic Leadership Fellow 2009

CERTIFICATES AND SPECIALTY TRAINING

Immunization Certification May 1999
Arkansas State Board of Pharmacy

BLS for Healthcare Providers May 1999
American Heart Association

PROFESSIONAL MEMBERSHIPS

American Pharmaceutical Association
American Association of Colleges of Pharmacy
National Community Pharmacists Association
Arkansas Pharmacists Association
Rho Chi
Phi Lambda Sigma

PRESENTATIONS

Importance of Clinical Experiences in the Training of Pharmacists, Congress of Biochemistry Bi-Annual Convention, Loja, Ecuador, January 2010

Preceptor's Role in Professional Socialization, Preceptor Training CE, University of California at San Diego, San Diego, CA, June 2009

Using an Advanced Nonprescription Medication Course recitation to train 3rd year students in self-care intervention documentation, Nonprescription Medication Academy Annual Meeting, Cincinnati, OH, October 2007

Preceptor Training Update, Arkansas Association of Health-Systems Pharmacists, Little Rock, AR, October 2007

Arkansas Community Pharmacy Cost of Dispensing, Arkansas Pharmacists Association Annual Meeting, Rogers, AR, June 2007

Utilizing Service Based Learning to Teach Self-Care Topics, APhA Self-Care Institute, Philadelphia, PA, June 2007

Pharmacy Preceptor Training Course: Demonstration of New Technology, UAMS Continuing Education program, Little Rock, AR, March 2007

Pharmacy Preceptor Training Course: Workshops, UAMS Continuing Education program, Little Rock, AR, March 2007

Utilizing Technology to Teach Administration, Non-Prescription Medication Academy Annual Meeting, Cincinnati, OH, October 2006

Pharmacy Preceptor Training Program, UAMS Continuing Education program, Little Rock, AR, October 2006

Practice Tips for Effective Precepting Workshop, UAMS Continuing Education program, Little Rock, AR, October 2006

Advancing self-care education through a required clerkship in nonprescription medications, APhA/McNeil Self-Care Institute, Educational Best Practices presented by Jan Hastings, Roundtable Discussion, Baltimore, MD, June 2006

GRANT SUBMISSIONS

Concept Paper for Baxter International Health Restoration Fund, The Effectiveness of Vignettes to Train Community-Based Pharmacists and Students to Counsel Hearing Impaired Patients about Their Medications, \$171,930, September 2006- Not Funded

Student Leadership Fund Proposal for Wal-Mart, \$15,000 annually, October 2008 – Funded

Student Leadership Fund Proposal for Wal-Mart, \$15,000 annually, October 2009 - Funded

PEER-REVIEW PUBLICATIONS

Eiland L, **Flowers S**, et al, "A Comparative Study of Student and Faculty Perspectives Regarding Career Opportunities in Pharmacy Academia", **Currents in Pharmacy Teaching and Learning**, February 2010, 2 (2010) 39-51. www.sciencedirect.com

Flowers S, Vanderbush R, Hastings J. Effectiveness of Web-based Learning Vignettes to Extend Student Learning in Advanced Community Practice Clerkships, **American Journal of Pharmaceutical Education**, April 2010: 74(3) Article 39.

Soltis D, **Flowers S**, Using Patient Care Services to Expand Experiential Opportunities, accepted by **Journal of Pharmacy Practice**, December 2009, in press

Pace A, **Flowers S**, Hastings J, Community pharmacists' opinions on immunizations, accepted by **Journal of Pharmacy Practice** December 2009, in press

Hastings J, **Flowers S**, Pace A, Spadaro D, Experience with an Objective Standardized Clinical Exam (OSCE) in an Advanced Non-Prescription Medication Course, accepted by **American Journal of Pharmaceutical Education** January 2009, in press

Hastings J, **Flowers S**, Results of combining an elective clerkship in self-care with a required advanced community practice clerkship, **American Journal of Pharmaceutical Education**, December 2006.

OTHER PEER-REVIEWED PUBLICATIONS

Flowers S, "OTC Product: Cleanoz MB002 Nasal Aspirator Kit for babies", **Pharmacy Today**, May 2009: 15(5):19

POSTERS

Tobacco Taxes and Pharmacy Involvement in Tobacco Cessation: Products and Counseling. Lute M, Pace A, **Flowers S**. Presented at APhA annual meeting, Washington D.C., March 2010. *J Am Pharm Ass* 2010:50(2):304

Impact of Advanced Pharmacy Practice students providing live drug therapy or patient centered care Continuing Education to Arkansas pharmacists, **Flowers S**, PharmD, Pace A, and Hastings J, PharmD. Presented at the Annual Meeting of the American Association of Colleges of Pharmacy, Boston, MA July 2009

Determining Motivation and Overall Satisfaction of Arkansas APPE Preceptors, **Flowers S**, PharmD, Pace A, and Hastings J, PharmD. Presented at the Annual Meeting of the American Association of Colleges of Pharmacy, Boston, MA July 2009

Comparison of Responses to Employer and Graduating Senior Surveys, O'Brien C, PharmD, **Flowers S**, PharmD, and Stowe C, PharmD. Presented at the Annual Meeting of the American Association of Colleges of Pharmacy, Boston, MA July 2009

The impact a political advocacy course can have on student pharmacists level of advocacy, Pace A, **Flowers S**, APhA annual meeting, San Antonio, TX, April 2009. *J Am Pharm Ass* 2009:49(2):288

Improving Community Pharmacy Residents teaching skills by utilizing the residents in recitation for a non-prescription medications course, Hastings J, **Flowers S**, Pace A, APhA annual meeting, San Antonio, TX, April 2009. *J Am Pharm Ass* 2009:49(2):320

The Effect of Marketing pharmacy compounding services on prescription volume and gross profit margin, Rutledge D, **Flowers S**, APhA annual meeting, San Antonio, TX, April 2009. *J Am Pharm Ass* 2009:49(2)

Effect of Pharmacists and Student Pharmacists as providers of immunizations on the total number of influenza vaccines administered in Arkansas, Crumbaugh E, **Flowers S**, APhA annual meeting, San Antonio, TX, April 2009. *J Am Pharm Ass* 2009:49(2)

Arkansas pharmacists' attitudes on providing immunizations in community pharmacies, Pace A, **Flowers S**, Hastings J, APhA annual meeting, San Antonio, TX, April 2009. *J Am Pharm Ass* 2009:49(2):300

An interview objective structured clinical examination (OSCE): Multiple mini-interview (MMI). Stowe CD, **Flowers S**, Warmack TS, O'Brien CE, Gardner SF July 2008 American Association of Colleges of Pharmacy Annual Meeting, Chicago, Illinois. *American Journal of Pharmaceutical Education* 2008;72(3):72

Evaluation of Barriers to Healthcare in Participants of a Community Health Screening, Crumbaugh E, **Flowers S**, APhA annual meeting March 2008. *J Am Pharm Ass* 2009

TEACHING HONORS

2nd Place 2007 UAMS Teaching Scholars Health Professions Educational Research Poster - Evaluation of Internet-based Computer-aided-learning for Augmented Training within Fourth Year Community Clinical Clerkships, Ross E. Vanderbush, PharmD; **Schwanda K. Flowers, PharmD**; Jan K. Hastings, PharmD; Donna West, PhD

SERVICE TO THE COLLEGE

- Judge, APhA/ASP Patient Counseling Competition 2005-present
- Faculty Advisor, Business Plan Competition, National Community Pharmacist Association Student chapter, UAMS College of Pharmacy, January- April 2006, January-April 2009
- ASP Operation Immunization workshop- 2006
- Faculty reviewer for PCEP
- P1 mentor 2007-present
- P3 mentor 2008-present
- Paul Ambrose Faculty Mentor-2007
- Career Fair

SERVICE TO THE UNIVERSITY

- Get Healthy UAMS Employee Screenings 2006
- Bright Horizons Faculty Focus Group 2007

PROFESSIONAL SERVICE

- Journal of Pharmacy Practice Editorial Board, Pharmacy Education 2009
- Reviewer Journal of Pharmacy Practice 2009
- AACP Non-Prescription Medicines SIG programming committee 2009
- APhA Poster Judge, American Pharmacists Association National Meeting, Atlanta, GA, March 2007

TEACHING

UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES

- PhPr6664 Community Clinical Clerkship Rotation (4 credit hours, 30% instruction) 2005-2007
- PHPR5654 Pharmacy Practice II Communication/Law (4 credit hours, 12% instruction) 2005- 2008

- PHPR5654 Pharmacy Practice II Communication/Law Course Coordinator 2006-2008
- PhPr5733 Community Pharmacy Management Selective Course (2 credit hours, 5 hrs lecture)
- PhPr6663NT NTPD Community Clinical Clerkship Rotation -2 students (3 hour course 100% instruction) 2006-2008
- PhPr5634 Pharmacy Practice III Physical Assessment laboratory instructor (4 credit hours, 8% instruction) 2006-2009
- PhPr5634 Pharmacy Practice III Physical Assessment 2008-2009 Co-coordinator
- PhPr5634 Patient Assessment and Application and Laboratory 2010 Co-coordinator
- PhPr4692 Non-Prescription Medications Instructor (4 credit hours, 23% instruction) 2006-2008
- PhPr5622 Advanced Non-Prescription Medications Instructor (recitation leader) 2009
- PhPr5752 Leadership and Entrepreneurship 2008-2009 (2 credit hours)
- PhPr4454 Dispensing (4 credit hours, 3 hrs lecture) 2008-2009
- Business Plan Development Special Problems elective 2009-2010 (2 credit hours)

COMMITTEES AND BOARDS

- UAMS College of Pharmacy Admissions Committee 2005-2007, 2009-present
- UAMS Self Study Co-Chair Student Section 2007
- Chair- UAMS College of Pharmacy Admissions Committee 2009
- UAMS College of Pharmacy Assessment Committee 2006-2008
- UAMS College of Pharmacy Self-Assessment Ad-Hoc Committee, Leadership Member, 2006-2007
- UAMS College of Pharmacy Portfolio Ad-Hoc Committee 2007-2008
- UAMS College of Pharmacy Executive Committee, August 2007-present

PROFESSIONAL PRACTICE EXPERIENCE

Pharmacy Manager
Polk Otter Creek Pharmacy, Little Rock, Arkansas
January 2005- July 2005

Pharmacy Owner/Manager
Flowers Family Pharmacy, Little Rock, Arkansas
September 2003-January 2005

Staff Pharmacist
Market Place Pharmacy, Little Rock, Arkansas
August 1999- September 2003

Relief pharmacist-
Market place Pharmacy, Little Rock, Arkansas, relief work as needed

East End Pharmacy, Little Rock Arkansas, relief work as needed
Freiderica Pharmacy, Little Rock, Arkansas, relief work as needed
City Pharmacy, Little Rock, Arkansas, relief work as needed

VOLUNTEER LECTURES-STUDENTS

Ownership/Acquisition of Independent Pharmacy, National Community Pharmacist Association Student chapter, UAMS College of Pharmacy, November 2005

Injection Technique Certification Practice/Check-off, Pharmacy Practice III Physical Assessment, UAMS College of Pharmacy, April-May 2006

Point-of-Care Training Laboratory, Pharmacy Practice I, UAMS College of Pharmacy, September 2005

VOLUNTEER PRESENTATIONS-PUBLIC GROUPS/ COMMUNITY GROUPS

Managing Your Medicine and Brown Bag Review, Phillips County Community College, Stuttgart, Arkansas, October 2005

Understanding Medicare Part D, Villages of Otter Creek Senior Living Community, Little Rock, Arkansas, December 2004

“Tips for Managing Diabetes” and Glucose Screening, Villages of Otter Creek Senior Living Community, Little Rock, Arkansas, October 2004

“How do I Get My Medicine?” Advice for Hurricane Katrina Victims, Geyer Springs First Baptist Church, Little Rock, Arkansas, October 2005

“Epi-Pen Training”, UAMS Head Start teachers and staff, Little Rock, Arkansas, October 2007

VOLUNTEER / COMMUNITY SERVICE

- Encuentro Hispano Health Fair-2007
- Immunizations for Head Start parents-2007
- Arkansas Department of Health Immunization Clinic-Saline County-2009