

# UAMS

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## COLLEGE OF PHARMACY

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UNIVERSITY OF ARKANSAS  
FOR MEDICAL SCIENCES

**DEPARTMENT OF PHARMACY PRACTICE**

**ANNUAL REPORT**  
**(July 1, 2009 – June 30, 2010)**

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## Department of Pharmacy Practice Faculty

Martha H. Carle	MEd, MPH, CHES	Dir. of e-Learning, Instructor	
Melanie Claborn	Pharm.D.	Assist. Professor	NW Regional Campus
Lois Coulter	Pharm.D., BCPS	Assoc. Professor	NW Regional Campus
Marsha F. Crader	Pharm.D.	Assist. Professor	SBMC, Jonesboro
Dosha Cummins	Pharm.D., BCPS	Assist. Professor	NE AHEC, Jonesboro
Dwight Davis	Pharm.D.	Assoc. Professor	EBRx
Renee DeHart	Pharm.D., BCPS	Assoc. Professor, & Assoc. Dean for Administrative Affairs	Deans Office
Eddie B. Dunn	B.S. (Pharm), Pharm.D.	Assoc. Professor	
Mark A. Estes	Pharm.D.	Assist. Professor,	Drug Information
Schwanda K. Flowers	Pharm.D.	Assist. Professor, Assist. Dean, Experimental Education	Dean's Office
Howell R. Foster	B.S. (Pharm), Pharm.D., DABAT	Assoc. Professor	Poison Control
Tom Frank	Pharm.D., BCPS	Assoc. Professor	NE AHEC, Jonesboro
Amy M. Franks	Pharm.D.	Assoc. Professor	
J.D. Gannaway	B.S. (Pharm), Pharm.D.	Assoc. Professor	Drug Information
Paul O. Gubbins	Pharm.D.	Professor & Chair	
Stephanie F. Gardner	Pharm.D., Ed.D.	Professor & Dean	Dean's Office
Jan K. Hastings	B.S. (Pharm), Pharm.D.	Assoc. Professor	CPE
Seth Heldenbrand	Pharm.D.	Assist. Professor	Univ. Hospital SOT
Ed Hesterlee	B.S. (Pharm), Pharm.D.	Assoc. Professor	Dean's Office
Nicki L. Hilliard	B.S. (Pharm), M.S., Pharm.D., BCNP	Professor	NEO
Jonell Hudson	Pharm.D. BCPS	Assist. Professor	NW Regional Campus
Lisa C. Hutchison	B.S. (Pharm), M.P.H., Pharm.D. BCPS	Assoc. Professor	
Jill T. Johnson	Pharm.D., BCPS,	Assoc. Professor	
Scott Kaufman	R.N., Pharm.D.	Assist. Professor	NW Regional Campus
Dao Le	Pharm.D., BCNP	Assist. Professor	NEO
Chenghui Li	B.S., M.A. (Economics), Ph.D.	Assist. Professor	PEP
Holly D. Maples	Pharm.D.	Assist. Professor	ACH
Bradley C. Martin	Pharm.D., Ph.D.	Professor	PEP
Keith R. McCain	Pharm.D.	Assist. Professor	Poison Control
Dennis Moore	Pharm.D., Director NC AR AHEC	Assoc. Professor	AHEC
Kendrea M. Muldrew	Pharm.D., BCPS	Assist. Professor	ACH
Sherry M. Myatt	Pharm.D.	Assist. Professor	AHEC Pine Bluff
Kathryn K. Neill	Pharm.D.	Assist. Professor	Dean's Office
Brenna Neumann	Pharm.D.	Assist. Professor	NW Regional Campus
Catherine E. O'Brien	Pharm.D.	Assist. Professor	ACH
Joshua O'Neill	MD.	Assist. Professor	EBRx
Anne C. Pace	Pharm.D.	Assist. Professor	
Nalin Payakachat	B.S. (Pharm), M.S., Ph.D.	Assist. Professor	PEP
Denise Ragland	Pharm.D. CDE	Assoc. Professor	
Melanie Reinhardt	B.S. (Pharm), Pharm.D.	Assist. Professor	
Qayim Said	Ph.D.	Assist. Professor	PEP
Eric F. Schneider	Pharm.D., BCPS	Assoc. Professor	NW Regional Campus
Daniel C. Spadaro	B.S. (Pharm), Pharm.D.	Assoc. Professor	
Ashley Stinnett	Pharm.D.	Assist. Professor	Univ. Hospital MICU
Cindy D. Stowe	Pharm.D.	Professor, Assoc. Dean	Dean's Office

		Professional Affairs	
Jeremy Thomas	Pharm.D., CDE	Assist. Professor	
Eli R. Vinson	Pharm.D.	Assist. Professor	AHEC Eldorado
John A. Vinson	Pharm.D.	Assist. Professor	AHEC Fort Smith
Scott Warmack	Pharm.D., BCPS	Assoc. Professor	
Jonathan J. Wolfe	B.S. (Pharm), Ph.D.	Professor	Dean's Office

Certifications: BCPS (n=10); BCNP (n=2); CDE (n=2); CHES (n=1); DBAT (n=1)

### ***Department of Pharmacy Practice Faculty (Secondary Appointment)***

Teresa Hudson	Pharm.D	Assoc. Dir., HSR&D Center for Mental Healthcare & Outcomes Research, CAVHS	Associate Professor
Dennis Moore	Pharm.D	Director, AHEC North Central	Associate Professor
Jeffery M. Pyne	MD	Dept. of Epidemiology, COPH	Associate Professor
John M. "Mick" Tilford	PhD	COM & Center for Applied Research and Evaluation Dept. of Pediatrics ACH	Associate Professor

### ***Graduate Students & Residents***

- Mir Ali, M.S.**, Graduate Student/Research Assistant, Pharmaceutical Evaluation & Policy  
**Sharvari Bhurke, B.S. Pharm.**, Graduate Student/Research Assistant, Pharmaceutical Evaluation & Policy  
**Ashley Stubblefield Crumby, PharmD.**, PGY1 Resident, UAMS/ACH  
**Amol Dahamne, M.S. Conferred Fall 2009**  
**Mugdha Gokhale, B.Pharm.** Graduate Student/Research Assistant, Pharmaceutical Evaluation & Policy  
**Erin Beth Hays, PharmD.**, PGY1 Resident, UAMS/White River Medical Center  
**Arpit Kashyap, B.Pharm.**, Graduate Student/Research Assistant, Pharmaceutical Evaluation & Policy  
**Andrew King, B. Econ.**, Graduate Student/Research Assistant, Pharmaceutical Evaluation & Policy  
**Leslie Mooney, PharmD.**, Resident, UAMS COP & MPH Candidate  
**Starr McLain, PharmD.**, PGY1 Resident, UAMS/ACH  
**Adam Pate, PharmD.**, PGY1 Resident, UAMS  
**Kristen Pate, PharmD.**, PGY1 Resident, UAMS  
**Pravinkumar Patil., B.S. Pharm. M.S. Business Administration**, Graduate Student/Research Assistant Pharmaceutical Evaluation & Policy  
**Lindsey Turnbow, PharmD.**, PGY1 Resident, UAMS

### ***Administrative Support Staff***

- Michelle Beck:** Department of Pharmacy Practice  
**Ellie Dickinson:** Office of Experiential Education  
**Rubina "Ruby" Hill:** Department of Pharmacy Practice, Division of Pharmaceutical Evaluation & Policy  
**Victoria Miller:** eLearning  
**Amanda Perry:** Continuing Professional Development  
**Christina Williams:** EBRx  
**Cynthia Winfrey:** NEO, Poison Control

## Department of Pharmacy Practice Volunteer Faculty

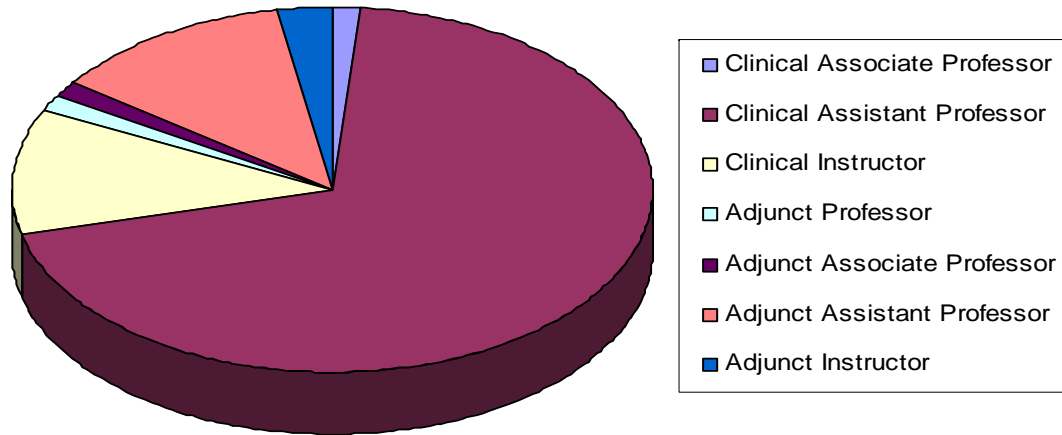
Name	CREDENTIALS	OFFICE ORGANIZATION NAME	OFFICE CITY	OFFICE STATE	ACADEMIC TITLE
Chris Allbritton	Pharm.D.	VA Medical Center	Fayetteville	AR	Clinical Assistant Professor
Rahemat Naseem Amarshi	M.S., Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Associate Professor
Christi Amerson	Pharm.D.	St. Joseph's Mercy Health Center	Hot Springs	AR	Clinical Assistant Professor
Donna Baxter	Pharm.D.	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Assistant Professor
Simone Bellamy	Pharm.D.	Arkansas Heart Hospital	Little Rock	AR	Clinical Assistant Professor
Justin Boyd	Pharm.D.	Coleman Pharmacy of Alma	Alma	AR	Clinical Assistant Professor
Zhiva Brown	Pharm.D.	CAVHS - NLR	North Little Rock	AR	Clinical Assistant Professor
Deborah Caldwell	Pharm.D.	Jefferson Regional Medical Center	Pine Bluff	AR	Clinical Assistant Professor
Willie Capers	Pharm.D.	St. Bernard's Regional Medical Center	Jonesboro	AR	Clinical Assistant Professor
Niki Carver	Pharm.D.	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Assistant Professor
Michael Chandler	Pharm.D., BCPS	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Jennifer Cole	Pharm.D., BCPS	VA Medical Center	Fayetteville	AR	Clinical Assistant Professor
Marcus Costner	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Eric Crumbaugh	P.D.	Kroger Pharmacy #0642	North Little Rock	AR	Clinical Assistant Professor
Andrea Donaldson	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Amanda Ferstl	Pharm.D.	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Assistant Professor
Rebecca Franklin	Pharm.D.	CAVHS-NLR	North Little Rock	AR	Clinical Assistant Professor
Larry Franklin	B.S. Pharm.D	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Assistant Professor
Angela Gordon	Pharm.D., BCPS	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Rockridge Hannah	Pharm.D.	Christus St. Michael Health System	Texarkana	TX	Clinical Assistant Professor
Jason Hawkins	Pharm.D., BCPS	CAVHS-NLR (VISN 16)	North Little Rock	AR	Clinical Assistant Professor
John Hawley	Pharm.D.	VA Medical Center	Fayetteville	AR	Clinical Assistant Professor
Shannon Hays	Pharm.D.	White County Medical Center	Searcy	AR	Clinical Assistant Professor
Vanessa Hill	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Tammy Hughes	Pharm.D.	CAVHS - NLR	North Little Rock	AR	Clinical Assistant Professor
Brian Jolly	Pharm.D.	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Assistant Professor
Ashley Jones	Pharm.D.	CAVHS - NLR	North Little Rock	AR	Clinical Assistant Professor
Tabitha King	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Karen King	Pharm.D., BCPS	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Assistant Professor
Sonda Lloyd	Pharm.D.	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Assistant Professor

<b>Name</b>	<b>CREDENTIALS</b>	<b>OFFICE ORGANIZATION NAME</b>	<b>OFFICE CITY</b>	<b>OFFICE STATE</b>	<b>ACADEMIC TITLE</b>
Michael Malone	Pharm.D.	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Assistant Professor
Maggie Miller	Pharm.D.	White River Medical Center	Batesville	AR	Clinical Assistant Professor
Tina Minden	Pharm.D.	CAVHS - NLR	North Little Rock	AR	Clinical Assistant Professor
Tracy Mosby	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Lynn Nguyen	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Melanie Pilcher	Pharm.D.	UAMS Institute on Aging	Little Rock	AR	Clinical Assistant Professor
Sabrina Polston	Pharm.D.	Baptist Health Sys	North Little Rock	AR	Clinical Assistant Professor
Angela Powell	Pharm.D.	Baxter Regional Medical Center	Mountain Home	AR	Clinical Assistant Professor
Lisa Rawlins	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Bill Reeves	Pharm.D.	National Park Medical Center	Hot Springs	AR	Clinical Assistant Professor
Rob Richardson	B.A., B.S., M.S., Pharm.D.	CAVHS - NLR	North Little Rock	AR	Clinical Assistant Professor
Holly Rickman	Pharm.D., M.S.	CAVHS - NLR	North Little Rock	AR	Clinical Assistant Professor
Jennifer Roberts	B.S., M.S.	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Assistant Professor
Tonya Robertson	Pharm.D., BCPS	Baptist Health Medical Center - LR	Little Rock	AR	Clinical Assistant Professor
Kevin Robertson	Pharm.D.	Baptist Health Medical Center - NLR	North Little Rock	AR	Clinical Assistant Professor
Melissa Santiago	Pharm.D., BCPS	CAVHS - NLR	North Little Rock	AR	Clinical Assistant Professor
Lanita Shaverd	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Jim Smith	P.D.	CAVHS - NLR	North Little Rock	AR	Clinical Assistant Professor
Kelly Thomas	Pharm.D., BCPS	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Sharon Vire	Pharm.D.	CAVHS - NLR	North Little Rock	AR	Clinical Assistant Professor
Emily Wallis	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Kimberly Watson	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Assistant Professor
Eddy Arnold	Pharm.D.	UAMS Hospital Pharmacy	Little Rock	AR	Clinical Instructor
Madina Barkat	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Instructor
Lori D. Crawford	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Instructor
Ashley Early	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Instructor
Ngoc-"Tuyet" Thi Ngo	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Instructor
Jennifer Perry, Pharm.D.	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Instructor
Maria Shin	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Instructor
Jennifer L. West, Pharm.D.	Pharm.D.	CAVHS - LR	Little Rock	AR	Clinical Instructor
Charles Campbell	B.S., Pharm.D.	Arkansas State Board of Pharmacy	Little Rock	AR	Adjunct Professor

NAME	CREDENTIALS	OFFICE ORGANIZATION NAME	OFFICE CITY	OFFICE STATE	ACADEMIC TITLE
Mike Parr	Pharm.D.	UAMS Hospital Pharmacy	Little Rock	AR	Adjunct Associate Professor
Joe Baker	B.A., M.B.A.	Pharmacists Mutual	Little Rock	AR	Adjunct Assistant Professor
Shane David	B.S., Pharm.D.	Arkansas Department of Health	Little Rock	AR	Adjunct Assistant Professor
Antoine El Khoury	M.S., Ph.D.	Merck & Co	Philadelphia	PA	Adjunct Assistant Professor
William Freeman	B.S.	Baptist Health	Little Rock	AR	Adjunct Assistant Professor
Trey Gardner	Pharm.D.	Arkansas Blue Cross Blue Shield	Little Rock	AR	Adjunct Assistant Professor
Jane Gault	B.S., Pharm.D.	CAVHS-LR	Little Rock	AR	Adjunct Assistant Professor
Gene Graves	B.S., M.A., Pharm.D.	I-CARE of Arkansas Inc	Little Rock	AR	Adjunct Assistant Professor
Rahul Ganguly	B.Pharm., M.Pharm., Ph.D	GlaxoSmithKline	Chapel Hill	NC	Adjunct Assistant Professor
Marita Nazarian	B.S., M.S.	Arkansas Childrens Hosptial	Little Rock	AR	Adjunct Assistant Professor
Jerry Jones	B.S.	Arkansas Department of Health	Little Rock	AR	Adjunct Instructor
James Myatt	B.S.	Arkansas Department of Health	Little Rock	AR	Adjunct Instructor

Certifications: BCPS (n=8)

**Academic Titles of Volunteer Faculty (n=73)**



## Teaching & Coordination Effort: Professional Curriculum

### 2009-2010 Curriculum

Courses	Contact Hours	Coordinator(s)
PhPr 3412 US Health Care System for Pharmacists	30	Qayyim Said
PhPr 3422 Career Orientation & Communications (sm grps)	30	Renee DeHart/Stephanie Gardner
PhSc 3402 Pharmaceutical Calculations	30	Melanie Reinhardt
PhPr 3612 Drug Information	30	JD Gannaway
PhPr 3511 Nuclear Pharmacy	15	Dao Le
PhPr 4423 Dispensing (lab)	90	Eddie Dunn
PhPr 4692 Nonprescription Drugs	30	Dan Spadaro
PhSc 4642 Clinical Pharmacokinetics	15	Bill Gurley/Cindy Stowe
PhPr 4625 Therapeutics I (recitation)	101	Scott Warmack/Amy Franks
PhPr 5635 Therapeutics II (recitation)	101	Paul O. Gubbins/Amy Franks
PhPr 5632 Pharmacy Law & Ethics	30	Martha Carle/Darren O'Quinn
PhPr 5643 Evidence Based Medicine & Pharmacoeconomics	45	Jill Johnson/Brad Martin
PhPr 5645 Therapeutics III	75	Kat Neill
PhPr 5734 Pharmacy Management	60	Anne Pace/Paul O. Gubbins
PhPr 5654 Patient Assessment & Application (online & lab)	71	Jeremy Thomas/Schwanda K. Flowers
PhPr XXXX Electives – 8 credit hours		Various
Face-to-face 12	360	
Online 5	150	
<b>Total</b>	<b>1263</b>	

## Teaching Effort: Graduate School & Other Programs

<b>Graduate School Courses &amp; Mentoring</b>	<b>Instructor</b>	<b>Role/Contact Hours</b>
Initial Academic Advising (Fall-Spring 2009-10)	Martin	Advisor/∞
Foundations of Pharmaceutical Evaluation and Policy Research Methods (Fall 2009)	Martin	Coordinator/24
	Said	Lecturer/3
	Li	Lecturer/3
	Payakachat	Lecturer/10.5
Applied Health Econometrics (Fall 2009)	Li	Coordinator/45
Pharmaceutical Evaluation and Policy Seminar (Fall 2009)	Martin	Lecturer /16
Pharmaceutical Evaluation and Policy Seminar (Spring 10)	Payakachat	Lecturer /16
Patient Reported Outcomes (Spring 10)	Payakachat	Coordinator/45
Retrospective database methods (Spring 2010)	Martin	Coordinator/45
Cherri Houston, Pharm.D. candidate	Payakachat	Co-advisor/∞
Sharla Smith (COPH Graduate Student)	Li	Advisor/∞
Sameer Ghate, Ph.D. candidate (Public Health – Univ. of Utah)	Said	Committee Member /∞
	Li	Advisor/∞
	Martin	Advisor/∞
Sharvari Burke, MS Candidate	Said	Major Professor/∞
	Li	Committee Member /∞
Rukesh Luthra, MS Candidate	Said	Major Professor/∞
	Martin	Committee Member/∞
Amol Dahamne, MS Candidate	Said	Major Professor/∞

\*Based on faculty reported lecture hours

## Scholarly Effort: Publications

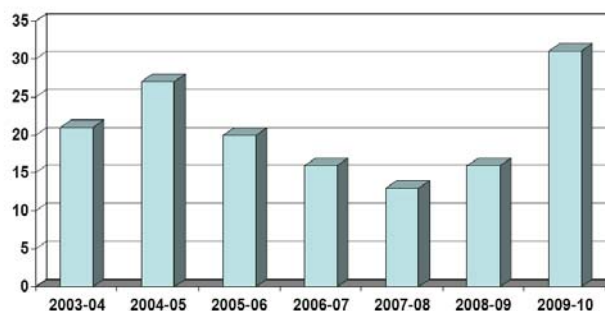
1. Smith KM, Scott DR, Barner JC, **DeHart RM**, Scott JD, Martin SJ. Interprofessional Education in Six US Colleges of Pharmacy. Am J Pharm Educ 2009;73:Article 61 (Jul.)
2. **Thomas JT**, Zingone MM, Smith J, George CM. Feasibility of contracting for medication therapy management services in a physician's office. Am J Health Syst Pharm 2009;66 1390-1393. (Aug)
3. Mooney LA, **Franks AM**. Evaluation of community health screening participants' knowledge of cardiovascular risk factors. J Am Pharm Assoc 2009; 49(4):529-37 (Jul-Aug)
4. **Payakachat N**, Murawski MM, Summers KH. Health utility and economic analysis: theoretical and practical issues. Expert Rev Pharmacoecons & Outcomes Res 2009;9:289-92. (Aug)
5. Wood RL, **Cummins DF**. Simvastatin- and Fluvastatin-Associated Nightmares. J Pharm Pract 2009;22: 421-25.(Aug)
6. **Cummins D**, Mackey M, Baker E. Recovery time in a case of gemfibrozil and simvastatin-associated rhabdomyolysis. South Med J 2009;102:858-60. (Aug)
7. Karve S, Cleves MA, **Helm M**, Hudson TJ, West DS, **Martin BC**. Good and poor adherence: optimal cut-point for adherence measures using administrative claims data.. Curr Med Res Opin 2009; 25: 2303-10. (Sep)
8. Karve S, Cleves MA, **Helm M**, Hudson TJ, West DS, **Martin BC**. Prospective validation of eight different adherence measures for use with administrative claims data among patients with schizophrenia. Value Health. 2009; 12(6):989-995. (Sep)
9. **Gubbins PO**, Amsden JR, McConnell SA, Anaisie EJ. The pharmacokinetics and buccal mucosal concentrations of a 15 mg/kg total dose of liposomal amphotericin B either as a single (15mg/kg) dose, weekly dose (7.5mg/kg), or a daily dose (1mg/kg) in hematopoietic stem cell transplant patients. Antimicrob Agents Chemother 2009;53:3664-74.(Sep)
10. **Payakachat N**, Summers KH, Pleil AM, Murawski MM, Thomas J 3rd, Jennings K, Anderson JG. Predicting EQ-5D utility scores from the 25-item National Eye Institute Vision Function Questionnaire (NEI-VFQ 25) in patients with age-related macular degeneration. Qual Life Res 2009;18:801-13. (Sep)
11. Cox E, **Martin BC**, Van Staa T, Edeltraut G, Siebert U, Johnson ML. Good Research Practices for Comparative Effectiveness Research: Approaches to Mitigate Bias and Confounding in the Design of Non-Randomized Studies of Treatment Effects Using Secondary Data Sources. Value in Health. 2009;12:1053-61. (Sep)
12. Johnson ML, Crown W, **Martin BC**, Dormuth CR, Siebert U. Good Research Practices for Comparative Effectiveness Research: Analytic Methods to Improve Causal Inference from Non-Randomized Studies of Treatment Effects Using Secondary Data Sources. Value in Health. 2009;12:1062-73. (Sep)
13. **Said Q**, Marx CM, Schwartz JS, Ben-Joseph R, Brixner DI. Impact of Body Mass Index on the Incidence of Cardiometabolic Risk Factors in Ambulatory Care Settings over 5 Years or More. Value in Health 2009;13:265-71.
14. MacPherson DW, Gushulak BD, Baine WB, Holtom P, Bala S, **Gubbins PO**, Holtom P, Segarra-Newnham M. Population mobility, globalization, and antimicrobial drug resistance. Emerging Infect Dis 2009;15:1727-32. (Nov)
15. Brooks TC, Burlingame M, Rickman H, **Claborn M**, Shaverd L, et al. Travoprost: A Prostaglandin analogue for the treatment of glaucoma. Formulary 2009; 44:322-328. (Nov)
16. **Warmack TS**, **Estes MA**, **Heldenbrand S**, **Franks AM**,  $\beta$ -adrenergic antagonists in hypertension: A review of the evidence. Annals of Pharmacotherapy 2009;43:2031-43. (Dec)
17. **Cummins D**. Interpreting urine drug tests, J Ark Med Soc 2009, 106(6): 161-162. (Dec)
18. Hartwig M, **Cummins D**, **Frank T**, et al. Medication reconciliation in transitions: The MERIT Program. The Arkansas Family Physician 2010;13:12-14. (Jan)
19. Edlund MJ, **Martin BC**, Devries A, Fan MY, Braden JB, Sullivan MD Trends in use of opioids for chronic noncancer pain among individuals with mental health and substance use disorders: the TROUP study. Clin J Pain 2010;26:1-8. (Jan)

## Scholarly Effort: Publications (Continued)

20. McFarland MS, Knight TN, Brown A, **Thomas J**. The continuation of oral medications with the initiation of insulin therapy in type 2 diabetes: a review of the evidence. South Med J 2010; 103:58-65. (Jan)
21. Pathak P, West D, **Martin BC, Helm ME**, Henderson C. Evidence-based use of second-generation antipsychotics in a state Medicaid pediatric population, 2001-2005. Psychiatr Serv 2010;61:123-9. (Feb)
22. Thielke SM, Simoni-Wastila L, Edlund MJ, DeVries A, **Martin BC**, Braden JB, Fan MY, Sullivan MD. Age and sex trends in long-term opioid use in two large American health systems between 2000 and 2005. Pain Med. 2010;11:248-56. (Feb)
23. Eiland LS, **Flowers SK**, Andurkar SV, O’Brocta R, Prabhu S, Medon PJ. A comparative study of student and faculty perspectives regarding career opportunities in pharmacy academia. Curr Pharmacy Teaching Learning 2010;3:39–51. (Jan)
24. **Gubbins PO, Heldenbrand S**. Clinically relevant drug interactions of current antifungal agents. Mycoses 2010;53:95-113. (Mar)
25. Pathak P, West D, **Martin BC**. Weighing the evidence for pediatric antipsychotic use. Psychiatr Serv. 2010;61:325. (Mar)
26. **Ragland D, Payakachat N**, Hays EB, Banken J, Dajani NK, Ott RE. Depression and diabetes: Establishing the pharmacist’s role in detecting comorbidity in pregnant women” JAPhA 2010;50:195-199. (Mar-Apr)
27. **O’Brien CE**, Anderson PJ, **Stowe CD**. Use of the chloride channel activator lubiprostone for constipation in adults with cystic fibrosis: A case series. Ann Pharmacother 2010;44:577-81. (Mar)
28. McCoy EK, **Thomas JL**, Sowell RS, George C, Finch CK, Tolley EA, Self TH. An Evaluation of Peak Expiratory Flow Monitoring: A Comparison of Sitting Versus Standing Measurements J Am Fam Med 2010;23:166-70 (Mar-Apr)
29. **Flowers SK, Vanderbush RE, Hastings JK**. Web-based Multimedia Vignettes in Advanced Community Pharmacy Practice Experiences. Am J Pharm Ed 2010;74:Article 39. (Apr)
30. **Hutchison LC**. Pharmacist Approach to geriatrics. Am J Lifestyle Med 2010; 4: 267-274. (May-Jun)
31. Spiller HA, Scaglione JM, Aleguas A, **Foster H**, Durback-Morris L, Scharman EJ, Baker SD. Effect of scheduling tramadol as a controlled substance on poison control exposures to tramadol. Ann Pharmacother 2010;44:1016-21 (Jun)

### Department of Pharmacy Practice Peer Reviewed Publications July, 2003-July 2010

Year	(n)
2003-04	21
2004-05	27
2005-06	20
2006-07	16
2007-08	13
2008-09	16
2009-10	31



Jun 30, 2010

## Scholarly Effort: National Presentations

1. **Catherine O'Brien** presented a poster co-authored with **Schwanda Flowers** and **Cindy Stowe** titled "*Comparison of responses to UAMS College of Pharmacy Employer and Graduate Surveys*" at the 2009 AACP Annual Meeting and Seminars in Boston, July 2009
2. **Schwanda Flowers** presented a poster she co-authored with **Jason Derden** titled "*Determining Motivation and Overall Satisfaction of Arkansas APPE Preceptors.*" at the 2009 AACP Annual Meeting and Seminars in Boston, July 2009
3. **Schwanda Flowers** presented a poster she co-authored with **Jan Hastings** and **Anne Pace** titled "*Impact of APPE students providing live drug therapy or patient centered care Continuing Education.*" at the 2009 AACP Annual Meeting and Seminars in Boston, July 2009
4. **Schwanda Flowers** co-presented a podium presentation titled "*Factors Influencing Students to Choose a Career in Pharmacy Academia*". at the 2009 AACP Annual Meeting and Seminars in Boston, July 2009
5. **Paul O. Gubbins** co-authored a poster with colleagues titled "*National benchmarking of departments of pharmacy practice*", which was presented at the 2009 AACP Annual Meeting and Seminars in Boston, July 2009
6. **Martha Carle** presented an invited lecture titled "*A Piece of the PIE (Planning, Implementation, Evaluation) an e-Portfolio System: Building the Process and Culture*" the LiveText Preconference workshop before the 2009 AACP Annual Meeting and Seminars in Boston, July 2009.
7. **Martha Carle** presented a poster she authored titled "*Utilizing the Precede-Proceed Model for e-Portfolio Adoption*" at the 2009 AACP Annual Meeting and Seminars in Boston, July 2009.
8. **Qayyim Said** and colleagues presented a poster titled "*Facilitation in Implementing CBT among Veterans: Analysis of Therapist Time in Facilitation and CBT Provision*" at the VA National Mental Health meeting in Baltimore, MD, July, 2009.
9. **Anne C. Pace** presented a podium presentation titled "*OSCE in a Nonprescription Elective.*" at the Nonprescription Medicines Academy Annual meeting, in Cincinnati, OH, September 2009.
10. **Amy M. Franks** presented a podium presentation she authored with **Keith McCain** and colleagues titled "*Comparison of the effects of energy drink and caffeine supplementation on indices of 24-hour ambulatory blood pressure.*" At the ACCP Annual Meeting in Anaheim CA, October 2009
11. **Amy M. Franks** co-authored a poster with fellow Leslie A Mooney titled "*The impact of pharmacist-provided risk factor screening and education on health-promoting behaviors*", which was presented at the ACCP Annual Meeting in Anaheim CA, October 2009
12. **Renee Dehart** presented a poster she authored with colleagues titled "*Diabetic nephropathy guideline adherence among family medicine physicians*", which was presented at the ACCP Annual Meeting in Anaheim CA, October 2009
13. **Renee Dehart** presented a poster she authored with colleagues titled "*Status of immunization certification among community pharmacists in Alabama*", which was presented at the ACCP Annual Meeting in Anaheim CA, October 2009
14. **Lisa Hutchison** presented an invited lecture titled "*Statins and the Elderly*", which was presented at the ACCP Annual Meeting in Anaheim CA, October 2009
15. **Catherine O'Brien** presented a poster that she authored with colleagues titled "*Treatment adherence questionnaire in a single center adult CF population.*" at the NACFC in Minneapolis MN, October 2009.

## Scholarly Effort: National Presentations (Continued)

16. **Catherine O'Brien** presented a poster that she authored with **Cindy Stowe** and colleagues titled "*Lubiprostone for the treatment of constipation in adults with cystic fibrosis: preliminary results*" at the NACFC in Minneapolis MN, October 2009.
17. **Holly Maples** presented a poster she authored with colleagues titled "*Impact of an Education Based Approach to Antimicrobial Stewardship in a Pediatric Hospital*", which was presented at the annual meeting of the Infectious Diseases Society of America's in Philadelphia, October 2009
18. **Dao Le** presented an invited lecture titled "*Radiopharmaceutical Interactions and Radiopharmacy Compounding Issues*" at the Florida Nuclear Medicine Technologist/Florida Nuclear Pharmacists meeting in Orlando FL, October 2009
19. **Dao Le** presented an invited lecture titled "*DOT Regulations in the Nuclear Medicine Dept.*" at the Nuclear Medicine Technologist, in Dallas TX, November, 2009
20. **Kendrea M. Muldrew** presented a podium presentation titled "*Pharmacokinetics of Linezolid in Two Patients with Major Thermal Injury Receiving Continuous Venovenous Hemodiafiltration*" at the 22nd Annual Southern Region Burn Conference, in Shreveport. LA November, 2009
21. **Paul O. Gubbins** presented an invited lecture titled "*Introduction to Academia: A Department Chair's Perspective*" at the ASHP Midyear 2009 Symposium: Preparing for Faculty Positions: Insights From the Ivory Tower., Las Vegas NV, December, 2009.
22. **Lisa Hutchison** presented an invited lecture titled "*Hyperlipidemia: Life Down the Cardiovascular Lane: Balancing Evidence with Quality of Life in Older Adults*" at the ASHP Midyear Clinical Meeting, Las Vegas, NV, December, 2009
23. **Marsha Crader** presented a poster titled "*Vancomycin drug utilization evaluation as part of implementing an antimicrobial stewardship program at a regional acute care institution*" at the ASHP Midyear Clinical Meeting, Las Vegas, NV, December, 2009
24. **Ashley Stinnett** presented a poster she co-authored with **Kat Neill** titled "*Case Report: Serotonin syndrome resulting from exposure to venlafaxine during acute renal insufficiency.*" At the 39<sup>th</sup> Critical Care Congress of the Society of Critical Care Medicine, Miami, FL. January, 2010.
25. **Paul O. Gubbins** presented an invited lecture titled "*Therapeutic drug monitoring: When and how?*" at the 20<sup>th</sup> Focus on Fungal Infections. New Orleans, LA, March 2010.
26. **Denise Ragland** co-authored a poster with **Nalin Payakachat** titled "*Utilizing non-medical personnel to dispense medications for a medical mission*" that was presented at the APhA Annual meeting in Washington, DC, March 2010.<sup>†</sup>
27. **Denise Ragland** co-authored a poster with colleagues titled "*Impact of EC Status on Unintended Pregnancy: Observations from a Pharmacy Practice*" that was presented at the APhA Annual meeting in Washington, DC, March 2010.<sup>††</sup>
28. **Chenghui Li** presented a poster she coauthored with colleagues titled "*Patterns of New Antipsychotic Prescribing in VISN 16.*" that was presented at the 2010 VA Health Services Research and Development (HSR&D) National Meeting on Mental Health and Substance Use Disorders Little Rock, AR. April, 2010.

## Scholarly Effort: National Presentations (Continued)

29. **Chenghui Li** coauthored a poster she with colleagues titled *“Monitoring and Management of Metabolic Side-Effects of Antipsychotics in Patients with Newly Prescribed Antipsychotics at VSIN 16.”* that was presented at the 2010 VA Health Services Research and Development (HSR&D) National Meeting on Mental Health and Substance Use Disorders Little Rock, AR, April, 2010.
30. **Qayyim Said** presented a podium presentation he co-authored with Jan Hastings, and colleagues titled *“The Effect of Medicare Part D Prescription Drug Coverage Gap on Medication Adherence”* at the ISPOR 15th Annual International Meeting, Atlanta, GA, May, 2010.
31. **Qayyim Said** coauthored a poster with PEP graduate student Rakesh Luthra, **Chenghui Li** and colleagues titled *“Comparison of Costs and Healthcare Utilizations in Pharmacotherapy, Psychotherapy, and Combined Therapy Groups for Treatment of Depression.”* that was presented at the ISPOR 15th Annual International Meeting, Atlanta, GA, May, 2010.
32. **Qayyim Said** coauthored a poster with PEP graduate student Rakesh Luthra, and colleagues titled *“Association of Patient Characteristics with the Use of Pharmacotherapy, Psychotherapy and Combined Treatment for Depression”* that was presented at the ISPOR 15th Annual International Meeting, Atlanta, GA, May, 2010.
33. **Brad Martin** coauthored a poster with PEP graduate student Amol Dhamane, **Qayyim Said** and colleagues titled *“Assessment of Metabolic Monitoring of Patients Prescribed Second Generation Antipsychotics Using Electronic Medical Record Data.* That was presented at the ISPOR 15th Annual International Meeting, Atlanta, GA, May, 2010.
34. **Brad Martin** coauthored a poster with PEP graduate student Muqdhha Gokhale titled *“Trends in Acetaminophen use and overuse in a commercially insured population: 2001-2008”* that was presented at the Southern Pharmacy Administration Conference, Memphis, May 2010.
35. **Brad Martin** coauthored a platform presentation with PEP graduate student Muqdhha Gokhale titled *“Temporal association between prescribed opioids and the national death rate due to opioid poisoning”* that was presented at the Southern Pharmacy Administration Conference, Memphis, May 2010.
36. **Chenghui Li** coauthored a poster with colleagues titled *“Trends in Emergency Department Visits Due To Opioid Abuse In The United States, 1996-2007.”* That was presented at the 15<sup>th</sup> ISPOR Annual International Meeting. Atlanta, GA. May, 2010.
37. **Qayyim Said** presented a poster he co-authored with **Chenghui Li** titled *“Characteristics and Experience of Enrollees in Medicare Part-D Plans with Prescription Drug Coverage Gap.”* at the 3rd Biennial Conference of American Society of Health Economists, Cornell University, Ithaca, NY, June, 2010.
38. **Chenghui Li** presented a poster titled *“Trends in Emergency Department Visits Attributable to Acetaminophen Overdose in the United States: 1993-2007.”* at the 3rd Biennial Conference of American Society of Health Economists, Cornell University, Ithaca, NY, June, 2010.
39. **Nalin Payakachat** presented a poster that she co-authored with colleagues titled *“Comparison of Preference-weighted Scores & Quality of Life Measures in Family Caregivers of Children with Craniofacial Birth Defects & Autism Spectrum Disorders”* that was presented at the 3<sup>rd</sup> Biennial Conference of the American Society of Health Economists. June 20-23, 2010. Ithaca, NY.

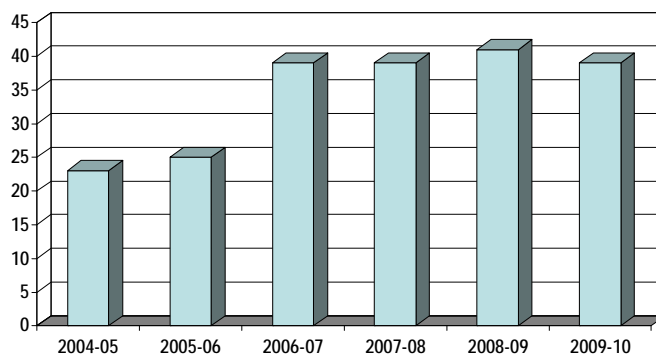
<sup>+</sup> poster won recognition as the APhA-APPM Innovative Practice Report Presentation Merit Award

<sup>++</sup> presented as an encore at the ACCP 2010 Spring Practice & Research Forum and Updates in Therapeutics: The Pharmacotherapy Preparatory Course, April 2010

## Scholarly Effort: National Presentations (Continued)

### Department of Pharmacy Practice National Presentations July, 2003-July 2010

Year	(n)
2004-05	23
2005-06	25
2006-07	39
2007-08	39
2008-09	41
2009-10	39



Aug 11, 2010

## Scholarly Effort: Grants Submitted

Dept PI/Co-I Name	Grant Agency	Submit Date	Estimated Annual Cost (Year 1) (\$)	Estimated Total Cost (\$)
O'Brien, C	CUMG	09/01/2009	\$37,935	\$37,935
Chenghui Li	Arkansas Center for Health Disparities	09/02/2009	\$24,544	\$24,544
Ragland, D	American Society of Health-System Pharmacists (ASHP) Foundation	10/21/2009	\$4,935	\$4,935
Payakachat, N/Ragland, D	CCTR	11/09/2009	\$49,800	\$49,800
Payakachat, N [Suen, JY, Tilford, M Co-Is]	UAMS Tobacco Allocation (ABI)	12/04/2009	\$32,384	\$32,384
Martin, BC/ [Hogan, P-PI]	AHRQ	02/17/2010	N/A	\$5,442,086
Martin, BC / [Hudson T]	Data Not Available			

## Scholarly Effort: New Awards & Continuing Support

Faculty	Role	Award Type	New/Continuation	Sponsor/Funding Agency	Funding Supports
Cummins, D	Program Director	Grant	New	MERIT	Program
Flowers, S Pace, A	Co-Director Co-Director	Demonstration Project	Continuation	Walmart Corporation	Program
Foster, H	Program Director	Grant	New	CDC PHEP, ADH	Program
Foster, H	Program Director	Grant	Continuation	HRSA Poison Control Stabilization Grant	Program
Frank, T.	Co-Director	Grant	New	MERIT Project - AHEC Central	
Frank, T.	Co-Director	Grant	New	MCAP Project - Arkansas Minority Health Commission	
Hastings, J	Consultant	Contract	Continuation	University of Arkansas Systems	Time & Effort
Helm, M Martin, BC Vanderbush, R	PI Co-Investigator Co-Investigator	Grant	Continuation	Attorney General's Grant	Time & Effort
Hilliard, N	Program Director	Contract	New	Covidien (DOT Training)	Program
Heldenbrand, S	Consultant	Contract	Continuation	Arkansas Medicaid	Time & Effort
Hutchison, L	Consultant	Demonstration Project	New	AR Dept of Human Services Division of Aging and Adult Services	Other
Hutchison, L	Consultant	Grant	Continuation	National Institute on Aging	Other
Hutchison, L	Coordinator	Grant	Continuation	Boehringer Ingelheim	Other
Hutchison, L	Consultant	Contract	Continuation	Arkansas Medicaid	Time & Effort
Johnson, J	Consultant	Contract	Continuation	University of Arkansas Systems	Time & Effort
Johnson, J	Consultant	Contract	Continuation	Arkansas State Employees EBD	Time & Effort
Johnson, J	Consultant	Contract	Continuation	Arkansas Medicaid	Time & Effort
Li, C	PI	Grant	Continuation	UAMS Medical Research Endowment	Grant

## Scholarly Effort: New Awards & Continuing Support (Continued)

<b>Faculty</b>	<b>Role</b>	<b>Award Type</b>	<b>New/Continuation</b>	<b>Sponsor/Funding Agency</b>	<b>Funding Supports</b>
Li, C	PI	Grant	Continuation	Robert Wood Johnson Foundation - Substance Abuse Policy Research Program (SAPRP)	Time & Effort
Maples, H	Co-Director	Contract	Continuation	Arkansas Childrens Hospital	Time & Effort
Martin, B	Co-I	Grant	Continuation	NIDA	Time & Effort
Martin, B	Co-I	Grant	Continuation	VA HSR&D	Time & Effort
O'Brien, C Li, C	PI Consultant	Grant	Continuation	Am. Soc. Health Systems Pharmacists	Grant
O'Brien, C Stowe, C	PI Co-I	Grant	New	Takeda and Sucampo Pharmaceuticals	Time & Effort
Ragland, D	Consultant	Demonstration Project	Continuation	Office for the Advancement of Telehealth, HRSA, DHHS	Time & Effort
Ragland, D	Consultant	Contract	Continuation	ANGELS - UAMS OB/GYN Dept/ DHS	Time & Effort
Said, Q Li, C Hastings, J	PI Co-investigator Co-investigator	Grant	Continuation	Tailored Biobehavioral Intervention Research Center	Grant

## Service Effort: College of Pharmacy

<b>COP Committees/Positions</b>	<b>Faculty Members</b>
Admissions	Renee DeHart*, Doshia Cummins, Anne Pace, Schwanda Flowers, Keith McCain, Howell Foster
Assessment	Eric Schneider*, Jan Hastings, Denise Ragland, Seth Heldenbrand, Cindy Stowe
Awards & Financial Aid	Jan Hastings*, Eddie Dunn, Kendrea Muldrew, Melanie Reinhardt, Renee Dehart
Computer Utilization	Ross Vanderbush*, Nicki Hilliard, Cindy Stowe
Continuing Pharmacy Education	Jan Hastings*, Melanie Claborn, Lois Coulter, Paul O. Gubbins, Catherine O'Brien, Eric Schneider, Cindy Stowe, Stephanie Gardner
Curriculum	Kat Neill*, Holly Maples, Keith McCain, Cindy Stowe
Development	Nicki Hilliard, Howell Foster, Jon Wolfe
Diversity	Stephanie Gardner, Kendrea Muldrew
Executive	Stephanie Gardner, Paul O. Gubbins, Renee DeHart, Cindy Stowe, Eric Schneider, Jon Wolfe, Schwanda Flowers, Howell Foster
Honor Council	Amy Franks
Parliamentarian of the Faculty	Paul O. Gubbins
PCAT Prep Committee	Jon Wolfe
Promotion & Tenure	Howell Foster, Eric Schneider, Amy Franks
Scholastic Standing	JD Gannaway, Nalin Payakachat, Holly Maples, Cindy Stowe
Special Test Taking Accommodations	Renee DeHart*, Scott Warmack, Jill Johnson, Amy Franks, Dan Spadaro
Student Research	Catherine O'Brien*, Chenghui Li, Lisa Hutchison, Renee DeHart
Student-Faculty Affairs	Anne Pace, Melanie Reinhardt, Jan Hastings, Renee DeHart
<i>*Committee Chair</i>	

## Service Effort: University/Campus

<b><i>UAMS Committees/Positions</i></b>	<b><i>Faculty Members</i></b>
Academic Senate Council	Jeremy Thomas
House of Delegates	Seth Heldenbrand, Anne Pace
Committee on Clinical Research	Paul O. Gubbins
Conflict of Interest (Faculty)	Paul O. Gubbins
Conflict of Interest (non-academic staff)	Paul O. Gubbins*
IRB	Paul O. Gubbins
Library Advisory	Mark Estes
Safety Coordinating Committee	Mark Estes
Geriatric Education Committee	Lisa Hutchison
Winthrop Rockefeller Distinguished Lecture	Jon Wolfe
Information Technology	Ross Vanderbush
Academic Computing Advisory Committee	Cindy Stowe, Martha Carle
OAS Advisory Committee	Martha Carle*, Jill Johnson
Radiation Safety Committee	Dao Le
Qual-Choice UA Systems Employee Rx Program	Jill Johnson, Jan Hastings
Partnership Affiliation Council Exec. Committee	Stephanie Gardner
Vice-Chancellor's Advisory Committee	Cindy Stowe
AHEC BEE HEALTHY Education Resource Committee	Martha Carle
ACHI Board	Stephanie Gardner
Chancellor's Diversity	Jon Wolfe
Council of Deans	Stephanie Gardner
Teaching and Technology	Nicki Hilliard*, Martha Carle
Think Green	Amy Franks
Center for Clinical Skills Education	Cindy Stowe
University Hospital ICU Oversight	Kat Neill
University Hospital P&T	Jill Johnson
<i>*Committee Chair</i>	

**Melanie Claborn**

- Arkansas Association of Health-System Pharmacy Residency Task Force,
- ACCP Cardiology PRN Awards and Recognition Committee, 2008-2009
- AACP Student Community Engagement Award Reviewer

**Marsha Crader**

- Secretary, Arkansas Association of Health-System Pharmacists (2010-13)

**Renee DeHart**

- AACP Section of Teachers of Pharmacy Practice Resolutions Committee
- AACP Professional Affairs Committee, 2009-2010.
- AACP Council of Faculties Task Force on Faculty Renewal, 2009-2010.
- AACP Pharmacy Practice Section Resolutions Committee, 2009-2010.
- ACCP 2011 Annual Meeting Programming Committee, 2009-2011.
- ACCP Student Curriculum Vitae Review Service. August 2008 to current.
- ACCP 2010 Spring Research and Practice Forum meeting Abstract reviewer.

**Lois Coulter**

- BPS Item Writer for Ambulatory Care Specialty Recognition exam

**Marsha Crader**

- Arkansas Association of Health-System Pharmacists 2009 Fall Seminar Committee

**Eddie Dunn**

- Institute For Safe Medication Practices Medication Safety Alert! Community/Ambulatory Care Clinical Advisory Board

**Schwanda Flowers**

- Journal of Pharmacy Practice Editorial Board, Pharmacy Education 2009
- Reviewer Journal of Pharmacy Practice 2009
- AACP Non-Prescription Medicines SIG programming committee 2009

**Howell Foster**

- ABAT Executive Committee
- EPA Regional Response Team Poison Control Ad Hoc Committee member
- AAPCC Member: Midyear Meeting Committee
- AAPCC Member: QA/Bench Marking Committee
- ABAT Member: Exam Committee

**Amy Franks**

- ACCP Reviewer, Pharmacotherapy Self-Assessment Program (PSAP) VII Cardiology Module, "Anticoagulation Management in Pregnancy"
- ACCP Reviewer, Student Travel Award Applications, reviewed 5 applications
- ACCP Reviewer, Student/Resident CV review service
- ASHP Reviewer, Research and Education Foundation Pharmacy Resident Practice-Based Research Grant

**Stephanie Gardner**

- Editorial Board Member *Annals of Pharmacotherapy*
- ACPE Board of Directors

## Service Effort: Profession - State & National (Continued)

### Paul O. Gubbins

- USP, Member 2005-2010 Infectious Diseases Expert Committee
- Member, International Advisory Board of *Current Medical Research and Opinion*
- Member, Editorial Board Antimicrobial Agents & Chemotherapy
- ACCP Member 2011 Annual Meeting Programming Committee
- Member National Tuberculosis Consortium

### Jan Hastings

- PCAT Advisory Committee
- ACCP Reviewer, Pharmacotherapy Self-Assessment Program (PSAP) Book VIII
- APA Executive Committee 2007-present
- APA Investment Committee
- Editorial Advisory Board Member *Journal of the American Pharmacists Association*
- Christian Pharmacists Fellowship International, Scholarship Committee
- AACP Self-Care Therapy/Nonprescription Medicine (SCT/NM) SIG: Programming Committee
- NAPLEX Item writer - National Association of Boards of Pharmacy licensure and certification exams
- Nonprescription Medicines Academy Steering Committee-2008-2011

### Seth Heldenbrand

- American Society of Transplantation Community of Practice of Transplant Pharmacist

### Nicki Hilliard

- APhA-APPM Nuclear Pharmacy Practice Section Awards Committee
- APhA-APPM Nuclear Pharmacy Practice Section Professional Affairs Committee
- APhA-APPM Nuclear Pharmacy Practice Section Education Committee
- APhA House of Delegates (APhA-APPM representative)

### Lisa Hutchison

- Editorial Board Member, *Pharmacotherapy Self-Assessment Program VI*
- Drug Review Committee for the Arkansas Medicaid Evidence-based Prescription Drug Program
- ACCP Geriatrics PRN Committee member for opinion paper on renal dosing in the elderly

### Jill Johnson

- Arkansas Medicaid Drug Review Committee
- Arkansas State Employees Employee Benefits Division Drug Utilization Executive Committee

### Dao Le

- APhA-APPM Nuclear Pharmacy Practice Section-education committee and professional affairs committee
- APhA New Practitioner advisor

### Holly Maples

- Journal Advisory Board Member, *Journal of Pediatric Pharmacology and Therapeutics* Pediatric Pharmacy Advocacy Group (PPAG)
- Arkansas Medicaid Retrospective DUR Committee
- AACP House of Delegates, 2009

### Brad Martin

- ISPOR Member Short Course Task Force
- ISPOR Member, Retrospective Database Analysis Task Force
- Editorial Board Member *Current Research and Medical Opinion*
- Editorial Board Member *Journal of Managed Care Pharmacy*

### Keith McCain

- AAPCC Specialist in Poison Information Volunteer Committee

## Service Effort: State & National Service 2009-2010 (Continued)

### **Kendrea Muldrew**

- National Pharmacy Association of Arkansas – Student National Pharmacy Association (SNPhA) Liaison

### **Kat Neill**

- Arkansas State Employees Employee Benefits Division Drug Utilization Executive Committee

### **Anne Pace**

- Arkansas Pharmacists Association Public Affairs Committee
- NCPA, Student Chapter Advisor

### **Nalin Payakachat**

- ISPOR Committee, the Research Abstract Review Committee for the 12th Annual European Congress,
- ISPOR Committee, the Research Abstract Review Committee (Patient Reported Outcomes Studies) for the 2<sup>nd</sup> Latin America Conference

### **Denise Ragland**

- American Diabetes Association (ADA) Member, Health Care Professional Legal Advocacy Network

### **Eric Schneider**

- NABP, member NAPLEX review committee
- NABP, NAPLEX item writer

### **Dan Spadaro**

- Member, Christian Pharmacists Fellowship International Bylaws Committee,

### **Cindy Stowe**

- Arkansas Pharmacists Association, Member, Policy Committee on Professional Affairs & Ethical Practices
- *Lexi-Comp* Member, Lexi-Comp Academic Advisory Council
- AACP Council of Deans
- AACP Member, Task Force Committee on Funding/Benefits for Residencies
- AACP Member, Task Force Committee on Journal Improvement
- AACP Alternate Delegate, Council of Deans
- AACP Member, COD/COF ACPE Research Metrics Task Force Committee
- Member, Research Committee *Pediatric Pharmacy Advocacy Group*
- Editorial Board Member *The Journal of Pediatric Pharmacology and Therapeutics*

### **Jeremy Thomas**

- ACCP Endocrine and Metabolism PRN Communications Committee Member, 2009-2010

### **Scott Warmack**

- Drug Review Committee for the Arkansas Medicaid Evidence-based Prescription Drug
- SSHP Faculty Representative, Arkansas Association of Health-Systems Pharmacists
- Arkansas Blue Cross and Blue Shield Pharmacy & Therapeutics Committee

**Marsha Crader**

- Chair, AAHP Fall Seminar Speaker Committee
- Secretary, AAHP 2010-13

**Howell Foster**

- AAPC Chair elect: Managers Committee
- ABAT Board Member, the American Board of Applied Toxicology
- ABAT Certification Committee Co-chair

**Stephanie Gardner**

- ACPE Board of Directors
- Arkansas Pharmacists Association Board of Directors

**Paul O. Gubbins**

- SIDP President-elect, 2009-10 (Term ends September 2010)
- SIDP President 2010-11 (Term begins September 2010)

**Jan Hastings**

- Past President Arkansas Pharmacists Association, 2010-2011
- Arkansas Pharmacists Association Board of Directors

**Holly Maples**

- Chair, Education Committee, 2008 Spring Meeting Pediatric Pharmacy Advocacy Group (PPAG)

**Brad Martin**

- Chair, Education Committee International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Education Committee

**Dao Le**

- New Practitioner Officer of the APhA-APPM Nuclear Pharmacy Practice Section.
- Chair of the Academies' Joint Policy Standing Committee for the APhA-APPM NP Section.

**Dan Spadaro**

- Board of Directors for the Arkansas Health Care Access Foundation.
- Board of Directors, Christian Pharmacists Fellowship International
- Chair, Christian Pharmacists Fellowship International Scholarship Committee

**Cindy Stowe**

- AACP, Chair-Elect Assessment SIG
- Board of Directors Pediatric Pharmacy Advocacy Group

## Service Effort: Clinical

Faculty	Service	Comments
<b>Denise Ragland</b>	UAMS Anticoagulation Clinic, Out Patient Center	Pharmacy based clinic for managing warfarin therapy (i.e. patient interviews, point-of-care INR evaluation, dosage adjustment and follow-up as needed. Clinic bills the facility fee and the revenue recouped provides supplies
	University Women's Clinic (formally Community Women's Clinic), Pulaski County Central Health Unit	Interdisciplinary Clinic - Provides management of patients with diabetes, depression screening and contraception counseling.
	Type 2 Diabetes Adolescent Clinic, Arkansas Children's Hospital Circle of Friends Clinic	Services include medication hx, patient medication counseling, drug recommendations, and chart reviews
	University Women's Health Clinic, Freeway Medical Center	Services include diabetes education and phone follow-up as needed to the high-risk prenatal patients and assist physicians with the patients' diabetes treatment plans.
<b>Jill Johnson</b>	University Hospital Team 3a	
<b>Amy Franks</b>	UAMS Medical Center, Internal Medicine Team 1 (Cardiology Inpatient)	
	UAMS Ambulatory Blood Pressure Monitoring Service	
<b>Seth Heldenbrand</b>	UAMS Solid Organ Transplant Service (Transplant Surgery Team & Team 4)	As per CMS requirements provides clinical pharmacy services to UAMS Transplant program that performs ≈35 liver & 80 kidney transplants/yr.
	Post Transplant Clinics (Liver & Kidney)	The liver clinics sees ≈ 20patients ( 75% require pharmacy service); the renal clinic sees 80/mo, (50% require pharmacy services)
	UAMS Anticoagulation Clinic, Out Patient Center	Pharmacy based clinic for managing warfarin therapy (i.e. patient interviews, point-of-care INR evaluation, dosage adjustment and follow-up as needed
<b>Jeremy Thomas</b>	UAMS Medicine Clinic	Services include medication use review to optimize pharmacotherapy regimens for high risk patients
	UAMS Anticoagulation Clinic, Out Patient Center	Pharmacy based clinic for managing warfarin therapy (i.e. patient interviews, point-of-care INR evaluation, dosage adjustment and follow-up as needed. Clinic bills the facility fee and the revenue recouped provides supplies
	Diabetes Education Clinic <sup>a</sup>	Services include targeted educational interventions as well as general survival skills people with diabetes.
<b>Anne Pace</b>	Co-Coordinator Community APPE	Primary Effort is to co-coordinates Community Experiential Practice. Clinical service is in this Pharmacy based clinic for managing warfarin therapy (i.e. patient interviews, point-of-care INR evaluation, dosage adjustment and follow-up as needed. Clinic bills the facility fee and the revenue recouped provides supplies
	UAMS Anticoagulation Clinic, Out Patient Center	

### Service Effort: Clinical (Continued)

Faculty	Service	Comments
<b>Ashley Stinnett</b>	University Hospital, MICU	
	UAMS Anticoagulation Clinic, Out Patient Center	Pharmacy based clinic for managing warfarin therapy (i.e. patient interviews, point-of-care INR evaluation, dosage adjustment and follow-up as needed. Clinic bills the facility fee and the revenue recouped provides supplies
<b>Keith McCain</b>	Arkansas Poison Control Center	Provides coverage for standard (M-F, 8a-5p) and non-standard shift hours (holiday, weekend, overnight, evening, early morning). In 2009, provided coverage for 370 non-standard shift hour equivalents and was the specialist of record for 2,822 cases reported to the Center. For comparison the number of cases handled by a non-academic, full time specialist ranged from a low of 2,989 to a high of 6,435.
<b>Howell Foster</b>	Director of the Arkansas Poison Control Center (APCC)	Oversaw management of 38,400 calls (2009), of which 63% were emergent poisonings, the vast majority requiring clinical input by the APCC. Also in 2009, the APCC distributed approx 180,000 pieces of educational material throughout the state.
	Call Center Director EBRX	EBRX Call Center handled approx. 48,000 calls requiring clinical input from the staff
<b>Mark Estes</b>	Arkansas Drug Information Center (ADIC)	Primary effort –co-Director, ADIC. Clinical service is in this Pharmacy based clinic for managing warfarin therapy (i.e. patient interviews, point-of-care INR evaluation, dosage adjustment and follow-up as needed
	UAMS Anticoagulation Clinic, Out Patient Center	
<b>Scott Warmack</b>	Firm A (Medicine Service), CAVHS	
	Anticoagulation Clinic, Department of Family and Community Medicine (DFCM)	Pharmacy Based Clinic in the DFCM Center for managing warfarin therapy (i.e. patient interviews, point-of-care INR evaluation, dosage adjustment and follow-up as needed. Averages 60 patient visits/mo with quarterly earnings averaging \$1,669
<b>Lisa Hutchison</b>	Team V Donald W. Reynolds Institute on Aging	Rounds with Team. (Primary Responsibility)
	ADH Div.of Aging & Adult Services - Money Follows the Person Demonstration Project	Pharmacist consultant, responsible for twice yearly medication review of demonstration project's adult participants

### Service Effort: Clinical (Continued)

Faculty	Service	Comments
<b>Holly Maples</b>	In-patient Renal Transplant - ACH	Services per CMS requirements for accreditation available 7 days/wk, 7 transplants in past year approx LOS ≈ 2 wks.
	Antimicrobial Stewardship Program -ACH	Co-director, 50% salary savings. Services provided 7 days/wk. Follow all hospital patients (except NICU) on vancomycin. Avg monthly census 125 pt/mo. Accomplishments: No significant vanco nephrotoxicity requiring dialysis since program started. Annualized doses per day decreased 7.8%. Improved ACH standing against other PHIS hospitals (40 total) by decreasing standing to 7th (had been 2nd with initiation of program) after 2 years
	In-patient Cystic Fibrosis -ACH	Services provided 7 days/wk (antibiotic management and other dosing adjustments. 134 patients hospitalized in 2009, avg LOS 14 days. Home IV support (antibiotic drug level monitoring/other outpatient antibiotic recommendations...average 1 per week
	Therapeutic Drug Monitoring Service - ACH	Available for any other drug monitoring question prn
	ID/HIV Clinic – ACH	Weekly clinic follow approximately 33 HIV (+) patients. Approx 132 visits/yr (4 per patient)
<b>Kendrea Muldrew</b>	Burn Center – ACH	Prevents, identifies, & resolves pharmacy-related patient care issues (design, monitor, & evaluate patient-specific therapeutic regimens). Develop & revise new therapeutic protocols
	Antimicrobial Stewardship Program -ACH	
<b>Catherine O'Brien</b>	Arkansas Cystic Fibrosis Center – Adult Program	Weekly clinic that follows approximately 85 patients. Pharmacist sees 20-25 patients/ mo. In both clinics patient care activities include medication reconciliation, adherence counseling, vitamin D replacement, bone densitometry, patient education, dosing recommendations Annual census: 240 - 300 clinic visits
	Arkansas Cystic Fibrosis Center – Ped. Program	Clinic meets 4 times/week and follows 163 patients. Pharmacist sees 35-40 patients/mo. Annual census: estimated 500 clinic visits
<b>Marsha Crader</b>	St. Bernards Medical Center	Medication reconciliation, antimicrobial stewardship.
	St. Bernards Senior Health Clinic	Pharmacotherapy consult & approximately 180 chart reviews each year (approximately 25 percent of clinic census).
<b>Dosha Cummins</b>	AHEC-NE Family Practice Service	Family Medicine Inpatient Service Team Daily services provided to inpatient team with avg census (30 medicine + 7 OB patients)
	AHEC-NE Family Practice Clinic	Pharmacotherapy service that is determined by real-time patient visits in clinic, the ED or in the hospital and nursing home
<b>Eric Schneider</b>	AHEC-NW Family Practice Clinic - Fayetteville	Provides anticoagulation and patient counseling services to ≈ 30 clinic patients/mo, (Clinic census ≈100patients /day)

### Service Effort: Clinical (Continued)

Faculty	Service	Comments
<b>Lois Coulter</b>	AHEC-NW Family Practice Clinic – Fayetteville	Provides anticoagulation and patient counseling services to ≈ 60 clinic patients/mo and the in patient Family Practice Service @ Washington Regional Medical Center (avg daily census 20 patients/day)
<b>Jonell Hudson</b>	AHEC-NW Family Practice Clinic – Springdale	Provides anticoagulation and patient counseling services to ≈ 50 clinic patients/mo and the in patient Family Practice Service @ Northwest Medical Center (avg daily census 10-20 patients/day)
<b>Melanie Claborn</b>	Fayetteville VA - Veterans Healthcare System of the Ozarks	
<b>Scott Kaufman</b>	Mercy Medical Center, Rogers, AR	Provides Pharmacokinetic Dosing Service, Renal Dosing Service, Antimicrobial Surveillance & Stewardship service & daily ICU rounds
<b>Tom Frank</b>	AHEC-NE Family Practice Service	Family Medicine Inpatient Service Team Daily services provided to inpatient team with avg census (30 medicine + 7 OB patients).
	AHEC-NE Family Practice Clinic	Pharmacotherapy service that is determined by real-time patient visits in clinic, the ED or in the hospital and nursing home
<b>Eli Vinson</b>	AHEC So.AR – Eldorado - UAMS Faculty Clinic	Provides anticoagulation monitoring services to 10-15 clinic patients/week generates \$22472/yr. Provides four two-hour diabetes education classes/mo for approximately 8-10 clinic patients/wk. Billing mechanism in progress
<b>Jon Vinson</b>	AHEC Fort Smith – Family Medical Center	
<b>Sherry Myatt</b>	AHEC Pine Bluff - Family Practice Center	Provides anticoagulation and asthma clinics for ≈ 50 patients/month between here and the Justiss/Lindsey Clinic. She bills for these services and since July she has seen ≈500 patients. She is billed as a resource under the attending' name and since July they have billed about \$34,000 for me ( ~ 3000/month). She also does and rounds with Family Medicine in the hospital every morning.

<sup>a</sup> Currently trying to establish a diabetes education class to be offered in conjunction with the diabetes educators of the Endocrinology Clinic. As a CDE this education class will be a billable service

## ***Faculty Turnover***

### **Faculty Departures**

August 2009	Trey Crumby, Pharm.D. Assistant Professor, Pharmacy Practice – left academia
December 2009	Sarah Frank, Pharm.D. Assistant Professor, Pharmacy Practice- relocated for personal reasons
December 2009	Ross Vanderbush BS, Pharm.D. Associate Professor – Retired
January 2010	Mark Helm, MD. Assistant Professor, Pharmacy Practice – left academia
April 2010	Michael Shepherd, Assistant Professor, Pharmacy Practice, relocated for personal reasons

### **Faculty Transfers**

July, 2009	Dosha Cummins, Pharm.D. Associate Professor, Pharmacy Practice, Northeast AHEC (previously Dr. Cummins reported to the AHEC Director)
July, 2009	Eric Schneider, Pharm.D. Associate Professor, Pharmacy Practice, was appointed Associate Dean of the Northwest Campus
October 2009	Kat Neill, Assistant Professor, Pharmacy Practice, was appointed Director of Hospital Experiential Programs

### **Faculty Arrivals**

July 2009	Jeremy Thomas, Pharm.D. Assistant Professor, Pharmacy Practice, Ambulatory Care & Endocrinology, Ambulatory Care Center UAMS
July 2009	Renee M. Dehart, Pharm.D. Associate Professor, Pharmacy Practice, Associate Dean Administrative Affairs
August 2009	Ashley Stinnett, Pharm.D. Assistant Professor, Pharmacy Practice, Critical Care, University Hospital, UAMS
August 2009	Scott Kauffman, Pharm.D., Assistant Professor, Pharmacy Practice, Acute Care, Mercy Hospital, Rogers, AR
September 2009	Jonell Hudson, Pharm.D., Assistant Professor, Pharmacy Practice, Ambulatory Care, AHEC Northeast, Fayetteville
October 2009	Michael Shepherd, Pharm.D. Assistant Professor, Pharmacy Practice, Ambulatory Care, AHEC Southwest, Texarkana. (Dr. Shepherd's primary appointment is in the COP)
March 2010	Brenna Neumann, Pharm.D. Assistant Professor, Pharmacy Practice, Advanced Community Practice, Northwest Campus

### **Faculty Recruited for 2010-11:**

July 2010	Lindsey Turnbow Pharm.D. <i>Medical Oncology Clinics</i>
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### **AHEC Faculty Departures**

April 2010	Michael Shepherd, Pharm.D. Assistant Professor, Pharmacy Practice
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