

Curriculum Vitae

Howell Rabara Foster, Pharm.D., DABAT

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PROFESSIONAL INFORMATION

University of Arkansas for Medical Sciences
Arkansas Poison Control Center
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Mail Slot 522-2
Little Rock, Arkansas 72205

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Pharmacy Licensure: Arkansas (#07896)

Memberships: Arkansas Pharmacist Association
American Association of Poison Control
Centers
American Academy of Clinical Toxicology

ACADEMIC QUALIFICATIONS

Doctor of Pharmacy

*University of Arkansas for Medical Sciences
College of Pharmacy
Little Rock, Arkansas*

May 1999

Pharmacy Practice Residency

*John L. McClellan Memorial Veterans Hospital
Little Rock, Arkansas*

June 1992

Bachelor of Science in Pharmacy

*University of Arkansas for Medical Sciences
Little Rock, Arkansas*

May 1991

Pre-Pharmacy

*Arkansas State University
Jonesboro, Arkansas
August 1984-May 1988*

No Degree

PROFESSIONAL EXPERIENCE

Managing Director

*Arkansas Poison Control Center
University of Arkansas for Medical Sciences
Little Rock, Arkansas*

January 2000-present

Associate Professor (tenured April 2008)

*College of Pharmacy
University of Arkansas for Medical Sciences
Little Rock, Arkansas*

August 2002-present

Evidence-based Prior Authorization Call Center Dir

*College of Pharmacy
University of Arkansas for Medical Sciences
Little Rock, Arkansas*

January 2005-present

**Poison Control Specialist
2000**

*Arkansas Poison Control Center
University of Arkansas for Medical Sciences
Little Rock, Arkansas*

November 1993-January

Staff Pharmacist (Shift Supervisor)

*John L. McClellan Memorial Veterans Hospital
Little Rock, Arkansas*

July 1992-November 1993

Relief Pharmacist

*Baptist Hospital
Medical Towers Pharmacy
Little Rock, Arkansas*

**September 1999-2005
August 1991-May 1993**

BOARDS/Certification

American Boards of Applied Toxicology	Passed	2003
	Recertified	2008
Certified Poison Control Specialist	Passed	1996
National Pharmacy Boards	Passed	1991

INSTRUCTOR

Preceptor, Toxicology Elective Clerkship Rotation (PHPR 6694) **1996-present**

This is a specialty rotation for 4th year professional students (10-14/yr) and post-graduate residents (avg 1/yr).

Course Coordinator, Toxicology (PHSCI 5152) **2000-present**

This is a 2 credit hour elective course taught to 3rd year professional students. I provide 80-85% of the lectures.

Instructor, Problem Based Learning Elective (PHPR 4445) **2005-2009**

One 2 hour lecture on a common prescription/otc drug overdose.

Instructor, Pharmacokinetics(PHSCI 4445) **2005-2007**

One lecture each semester on toxicokinetics.

Instructor, Therapeutics (PHPR 5644) **2006-2010**

Three lectures each semester on epilepsy and status epilepticus.

Instructor, Therapeutics (PHPR 5644) **2010-**

present

Three lectures on acute poisoning/toxicology.

Small Group Leader, Pharmacy Practice I (PhPr3423) **2007-**

present

Five group sessions that mentor students on career decisions, portfolios, intra-professional relationships etc.

Course Coordinator, Toxicology (PHSCI 5962) **1997**

This was a 2 credit hour elective course taught to 2nd and 3rd year professional students.

Director, Poison and Drug Information Residency **1995-1996**

University of Arkansas for Medical Sciences

This is a specialty residency in the area of drug information and toxicology.

Residents:

Pamala Peachey, Pharm. D. 1995-1996

Poison Specialist and Education Coordinator, Arkansas Poison Control Center

Shalena Ramsey 1996-DNF

Staff Pharmacist, St. Vincents Infirmary

BOARD MEMBER

American Board of Applied Toxicology American Academy of Clinical Toxicology 777 East Park Drive PO Box 8820 Harrisburg, PA 17105	2008-present
American Association of Poison Control Centers 515 King Street; Suite 510 Alexandria, VA 22314	2010-present

PRESENTATIONS

“Five Antidotes for Every Hospital Pharmacy” Arkansas Association of Hospital Pharmacy Fall Seminar. Little Rock, AR October 8-9, 2009

“Carbon Monoxide: No Smell, No Taste, No Color Children's Health and The Environment: What Healthcare Providers Need to Know” Pediatric Environmental Health. UAMS April 3, 2009

“Your Poison Control Center” UAMS House of Delegates. Little Rock, Arkansas February 12, 2009

“Poison Centers: One Mission” EPA Region 6 Response Team Meeting. Corpus Christi, Texas January 27, 2009

“PrePharmacy Presentation” Arkansas State University. Jonesboro, Arkansas October 2008

“Snakebite and the Clinical Use of Crotalidae Polyvalent Immune Fab (Ovine) Crofab[™]”
Arkansas Methodist Hospital. October 2008 CE Provided

“Birdseye View of Poison Control Centers” EPA Region 6 Response Team Meeting. Little Rock, Arkansas January 16, 2008

“PrePharmacy Presentation” Arkansas State University. Jonesboro, Arkansas November 10, 2007

“AR Poison Center Surge Capacity During a Spill of National Significance” SONS EPA Region 6 meeting. Little Rock, Arkansas June 19, 2007

“Arkansas Poison Control: Did Our Mission Change with 9/11?” UAMS Consortium. Little Rock, Arkansas January 18, 2007

“PrePharmacy Presentation” Arkansas State University. Jonesboro, Arkansas November 14, 2006

“EBRX” Golden Certificate CE Program Little Rock, AR October 25, 2006 CE Provided

“Club Drugs: To Wander in Mind” PPAG Meeting San Francisco September 29, 2006 CE Provided

“Bioterrorism and Public Health Disasters: What’s our role?” Presented at the Rho Chi Banquet April 2006.

“Strategic National Stockpile: Pharmacy and Other Healthcare Implications” Presented to physicians, nurses and pharmacist in conjunction with the Mena Medical Center. August 2005 CE Provided

“Bioterrorism: Chemical Agents” Presented to pharmacist at UAMS COP Learn at Noon. April 2005 CE Provided

“Strategic National Stockpile: Pharmacy and Other Healthcare Implications” Presented to physicians, nurses and pharmacist in conjunction with the AHEC NW Arkansas. August 2004 CE Provided

“Expert Systems and Expert Experts: What Do We Need for Decision Support?” Presented to physicians, nurses, and health department personnel. July 2004 CE Provided

"Snakebite and the Clinical Use of Crotalidae Polyvalent Immune Fab (Ovine) Crofabtm" Presented to the Rural Hospital Program via closed circuit television to 16 different facilities statewide. May 13, 2003 CE Provided

"Poison Control Centers: Valuable Resources" Presented to Russian (Volga Region) Public Health Officials. Volgograd, Russia. June 2002

"Snakebite and the Clinical Use of Crotalidae Polyvalent Immune Fab (Ovine) Crofabtm"
Presented to the College of Pharmacy Faculty at UAMS. July 2002

"Safe Handling and Basic Management of Common Poisons." Presented to the Medical Professions Classes at Conway High School. Conway, Arkansas, given annually in March 1997-present.

"Once Daily Aminoglycoside Dosing." Presented to the nursing and medical staff at Delta Memorial Hospital. Dumas, Arkansas February 24, 2000.

"Safe Handling and Basic Management of Common Poisons." Presented to the staff of Nuclear One in Russellville, Arkansas. May 1997.

"Norfloxacin Drug Use Evaluation. A computer based approach." Midwest Pharmacy Residents Conference. Oklahoma City, OK, April 1992

"Amiodarone. Its use in Refractory Atrial Flutter and Fibrillation." Pharmacy Grand Rounds. Little Rock, Arkansas. February 1992.

MEDIA APPEARANCES/INTERVIEWS

"Carbon Monoxide: Home Safety" KATV Channel 7. Little Rock, Arkansas December 2012.

"Fireworks safety and issues" KARK Channel 4, Little Rock, AR July 2012

"Hand Sanitizer Ingestions" KARN Radio, Olivia Deas April 27, 2012

"Knocking Down K2" Article by Leslie Peacok. Arkansas Times July 1, 2010.

“Traveling to the Gulf Coast: Oil Spill a Real Health Risk?” KATV Channel 7. Little Rock, Arkansas June 2010.

“Poison Safety: At Home!” KARN 102.9FM March 2010

“Poison Safety: Your child and your home!” Radio Disney Arkansas. Little Rock, Arkansas February 7th, 2009

“Halloween Safety/Poisoning” Midday Arkansas KATV Channel 7. Little Rock, Arkansas October 27, 2008

“Summertime Dangers: Avoiding Bites and Stings” Midday Arkansas with Jason Harper KATV Channel 7. Little Rock, Arkansas. July 3, 2008

“Arthropod Bites” Courtney Collins KARK Channel 4. June 2008

“Brown Recluse and Other Spider Bites” KARN 102.9FM May 2008”

“Poison Prevention at Home” Good Morning Arkansas, Melinda Mayo KATV Channel 7. Little Rock, Arkansas. April 2008

“Poison Prevention Week: Children Act Fast So Do Poisons!” Daybreak, Beth Hunt, KATV Channel 7. North Little Rock, Arkansas. March 2008

“Lead Paint on Toys: Is Your Day-Care Safe?” Evening News, Heather Crawford, KATV Channel 7. Little Rock, Arkansas. February 2008

“Holiday Hazards” Daybreak, Anne Pressley, KATV Channel 7. Little Rock, Arkansas. December 2007

“Lead in Holiday Lights” Investigative Reports, Ebone Monet, KTHV Channel 11. Little Rock, Arkansas December 2007

“Vinyl lunchboxes and lead paint.” Fox Interview Little Rock, Arkansas September 2005

“Here’s to Your Health” KARN Little Rock, Arkansas May 31, 2005

“Poison Proofing the Home” PAX Television Little Rock, Arkansas. March 2003

Volunteered Interview, Channel 11 News. The Potential Dangers of Mega-Dosing Vitamins. April 17, 2000

Volunteered Interview, Channel 7 News. Rohypnol: Date Rape Report. February 1998

GRANTS and CONTRACTS

Idaho Poison Control Proposal, Idaho Department of Health and Welfare. Contract Proposal \$641,969 April 2012. Project Director. Not funded

Poison Control Certification, Stabilization and Enhancement Program. **Grant Funded. (Total funding as of 9/1/2012 \$1.97 million)** Health Resources and Services Administration. **Project Director** (2001-ongoing)

Arkansas State Medicaid Contract, Evidence-based Prescription Drug Program. **Contract (Projected cost avoidance to the State of Arkansas from March 2005-July 2011 is 100 million dollars)** Call Center Director March 2005-2012.

Arkansas Bioterrorism Curriculum **Grant Funded. (\$376,129)** Health Resources and Services Administration. Health Resources and Services Administration **Principal Investigator** 2003

Arkansas Poison Control and Arkansas Department of Health Bioterrorism Initiative. **Contract Funded. (\$28,672)** Arkansas Department of Health (04-05FY)

CDC PHEP Cooperative Agreement with Arkansas Poison Control and Arkansas Department of Health. **Grant Pending (\$261,613) Funded 2008**

Arkansas Bioterrorism Curriculum, **Grant was approved but not funded.** Health Resources and Services Administration. **Principal Investigator** 2005

LITIGATION CONSULTING

[REDACTED] / [REDACTED]. Feb 2006

[REDACTED] (2-butoxyethanol)/July 2006 deposition/WCC NO: F507172

[REDACTED] acute clonidine exposure.
/Deposition December 19, 2006/

[REDACTED] overdose of
hydrocodone and opiates regarding a fatality/Advisement for litigation/January 2007

[REDACTED] (2-butoxyethanol)/April 2007 written report/ WCC #F507088

[REDACTED] "Tussin" allergy causes long-term behavioral
problems and other chronic health issues./June 2007 written report

[REDACTED], Alleged fentanyl overdose./Advisement
for litigation/ July 2007/ Settled no deposition or written report given.

[REDACTED] Alleged breach
of the standard of care by [REDACTED] ./July 2008/No Deposition.

PLATFORM

McCain KR, Moran JH, James LP, Foster HR. Adverse Effects and Confirmatory Testing of JWH-018 and JWH-073 Following Synthetic Cannabinoid Use. *Clinical Toxicology* 2011;49(6):519 [abstract 162, platform presentation]. 2011 North American Congress of Clinical Toxicology. September 25, 2011. Washington, DC

Foster HR, Joshi P, Schaffer S. In Tune with Toxicology: References to Toxicology in Music. *Toxicology Historical Society 2011 North American Congress of Clinical Toxicology* September 24, 2011. Washington, DC.

POSTERS

Spiller HA, Ryan M, **Foster HR**: Evaluation of Duration of Morbidity Post Snake Envenomation. *North American College of Clinical Toxicology*. Denver, CO October 2010

Banken JA, **Foster HR**. DEXTROMETHORPHAN: A RE-EMERGING DRUG OF ABUSE. International Neurochemistry Society. Mexico City, Mexico July 2007

MANUSCRIPTS

Kelkar, M. Cleves, MA. Foster, HR. Hogan, WR. Martin, BC. et al. Prescription-Acquired Acetaminophen Use and the Risk of Asthma in Adults: A Case-Control Study. *Annals of Pharmacotherapy*. 46(12): p 1598-1608. 2012

Kelkar M, Cleves MA, **Foster HR**, Hogan WR, James LP, and Martin BC: Acute and Chronic Acetaminophen Use and Renal Disease: A Case-Control Study Using Pharmacy and Medicine Claims. *Journal of Managed Care Pharmacy* Vol. 18, No. 3, pp. 234-46, April 2012.

Spiller HA, Scaglione JM, Aleguas A, **Foster HR**, Durback-Morris L, Scharman EJ, Baker SD: Effect of Scheduling Tramadol as a Controlled Substance on Poison Center Exposures to Tramadol. *The Annals of Pharmacotherapy*: Vol. 44, No. 6, pp. 1016-1021, April 2010

Banken J, **Foster HR**. Dextromethorphan as an Emerging Drug of Recreational Use. *Annals of the New York Academy of Science*. 1139:402-411, October, 2008

Foster HR, Simmons HF, Benson BE, West D, Rainey R. Respiratory Effects of Acute Capsaicin Exposure in Healthy Police Recruits. (Process of resubmitting)

Benson BE. Cheshire S. McKinney PE. Litovitz TL. Tandberg D. **Foster H**. Do poison center guidelines adversely affect patient outcomes as triage referral values increase? *Journal of Toxicology - Clinical Toxicology*. 41(5):585-90, 2003.

BOOK CHAPTERS

McCain K, **Foster H**. "Chapter 66: Clinical Toxicology" NAPLEX Review Guide (S. Scott Sutton editor) McGraw-Hill's, 2011 590-602.

Foster H, McCain K. "Chapter 67: All Hazard Preparedness" NAPLEX Review Guide (S. Scott Sutton editor) McGraw-Hill's, 2011 603-10.

Tanguay P, **Foster H.** "Chapter 17: Computers in Nutrient-Drug Interaction Management: Understanding the Past and the Present, Building a Framework for the Future" Handbook of Food-Drug Interactions, 1st Edition (McCabe, Frankel, & Wolfe editors), CRC Press, 2003, 342-368.

PANEL DISCUSSIONS

"K2" Arkansas Department of Health: Health Advisory Panel. Discussion on the safety and legality of K2 in Arkansas. March 15, 2010

COMMITTEE SERVICE/TASKFORCE

Executive Committee **2004-2011**
College of Pharmacy
University of Arkansas for Medical Sciences
Little Rock, Arkansas

ACPE Self Study Leadership Committee **2006-2007**
Faculty and Staff, Sub-Committee Chair
College of Pharmacy
University of Arkansas for Medical Sciences
Little Rock, Arkansas

Admissions Committee **2008-2011**
College of Pharmacy
University of Arkansas for Medical Sciences
Little Rock, Arkansas

Promotion and Tenure Committee **2008-present**
Chair (2011-present)
College of Pharmacy
University of Arkansas for Medical Sciences
Little Rock, Arkansas

<p>Chair Managers Committee <i>American Association of Poison Control Centers</i> 515 King Street, Suite 510 Alexandria, VA 22314</p>	2008-2011
<p>Chair Elect, Managers Committee Chair (2008-2009) <i>American Association of Poison Control Centers</i> 515 King Street, Suite 510 Alexandria, VA 22314</p>	2007-2008
<p>Managers Committee Member <i>American Association of Poison Control Centers</i> 515 King Street, Suite 510 Alexandria, VA 22314</p>	2000-present
<p>Mid-year Meeting Committee Member <i>American Association of Poison Control Centers</i> 515 King Street, Suite 510 Alexandria, VA 22314</p>	2005-present
<p>Bench Marking Committee Member <i>American Association of Poison Control Centers</i> 515 King Street, Suite 510 Alexandria, VA 22314</p>	2003-present
<p>Fatality Reviewer <i>American Association of Poison Control Centers</i> 515 King Street, Suite 510 Alexandria, VA 22314</p>	2007-present
<p>Executive Director Search Committee <i>American Association of Poison Control Centers</i> Board of Directors 515 King Street, Suite 510 Alexandria, VA 22314</p>	2011

Executive Director Performance Review Committee 2010-present
American Association of Poison Control Centers
Board of Directors
515 King Street, Suite 510
Alexandria, VA 22314

Medication Safety Taskforce 2012-present
American Association of Poison Control Centers
Board of Directors
515 King Street, Suite 510
Alexandria, VA 22314

Exam Question Committee 2007-present
American Board of Applied Toxicology
American Academy of Clinical Toxicology
777 East Park Drive
PO Box 8820
Harrisburg, PA 17105

Certification Renewal Committee 2008
American Board of Applied Toxicology
American Academy of Clinical Toxicology
777 East Park Drive
PO Box 8820
Harrisburg, PA 17105

Credentialing Committee Co-Chair 2008-present
American Board of Applied Toxicology
American Academy of Clinical Toxicology
777 East Park Drive
PO Box 8820
Harrisburg, PA 17105

COMMUNITY SERVICE

Volunteer, Chenal Valley Church Committee for Day Care Services August 2007-present

Volunteered Presentation, Union Pacific Railroads Public Safety Committee. Poison Control Centers Valuable Resources. North Little Rock, Arkansas January 2007

Volunteer, Chenal Valley Church of Christ. Constructing a youth building. Little Rock, Arkansas. August 2001-December 2002

Volunteer, Chenal Valley Church of Christ. Built a covered walkway for the church offices. Little Rock, Arkansas. July 2000

Volunteer, Safe Kids Coalition, Day at the Zoo. Little Rock, Arkansas. May 1998

INTERNATIONAL SERVICE

First Poison Center in Russia

Advised and trained a Russian physician from the Volgograd Medical Academy on starting a poison control center. Little Rock April 2002

Visited the Volgograd Medical Academy in Russia and presented *Poison Control Centers: Valuable Resources* to health officials from the Volga region of Russia. This presentation coupled with funds from the American International Health Alliance to purchase two computers lead to the establishment of the Volgograd Poison Control Center, which is the first poison control center in Russia. The presentation occurred in June 2002 and the center was officially opened to healthcare professionals in September 2002.

Assisted in training a second physician from the Volgograd Medical Academy on the clinical and administrative aspects of a poison control center. Little Rock October 2002

