

## Curriculum Vitae

# Kendrea M. Muldrew, Pharm.D., BCPS

---

### PERSONAL INFORMATION

Business Address: 4301 West Markham Street, #522-4  
Little Rock, Arkansas 72205  
Telephone: (501) 364-1869  
Fax: (501) 364-1810  
Email: MuldrewKendrea@uams.edu

### POSTGRADUATE EXPERIENCE

July 2006 – June 2007 Critical Care Specialty Residency  
Texas Tech University Health Sciences  
School of Pharmacy & VA North Texas Healthcare System  
Dallas, Texas  
Director: Sara Brouse, Pharm.D., BCPS, AQ Cardiology  
Certificate awarded June 2007

July 2005 – June 2006 Pharmacy Practice Residency  
Methodist University Hospital  
Memphis, Tennessee  
Director: William Greene, Pharm.D., BCPS, FASHP  
Certificate awarded June 2006

### EDUCATION

August 2001 – May 2005 University of Arkansas for Medical Sciences  
College of Pharmacy  
Little Rock, Arkansas  
Doctor of Pharmacy  
Conferred: May 2005

August 1998 – May 2001 University of Central Arkansas  
Conway, Arkansas  
Pre-Pharmacy Curriculum

### ACADEMIC APPOINTMENTS

August 2007 – present Assistant Professor  
University of Arkansas for Medical Sciences  
College of Pharmacy, Department of Pharmacy Practice  
Little Rock, Arkansas

July 2006 – June 2007 Assistant Instructor  
Texas Tech University Health Sciences Center  
School of Pharmacy, Department of Pharmacy Practice  
Dallas, Texas

### PROFESSIONAL EXPERIENCE

2007 – present Clinical Pharmacy Specialist  
Arkansas Children's Hospital Burn Center  
Little Rock, Arkansas

### **PROFESSIONAL EXPERIENCE, continued**

2007 – present	Therapeutic Drug Monitoring Service Arkansas Children’s Hospital Burn Center Little Rock, Arkansas
2006 – 2007	Clinical Staff Pharmacist, Part-time VA North Texas Healthcare System Dallas, Texas
2005 – 2006	Clinical Staff Pharmacist, Part-time Methodist University Hospital Memphis, Tennessee

### **TEACHING EXPERIENCE**

#### University of Arkansas for Medical Sciences College of Pharmacy

2010	<b>Coordinator</b> , PhPr 5332 Special Problems in Pharmacy Practice. Inpatient Clinical Skills (elective). 4 students.
2009 – present	<b>Lecturer</b> , PhPr 5472 PBL Therapeutics: Pediatrics (elective). 2010 (2 hours), 2009 (2 hours).
2009 – present	<b>Preceptor</b> , ASHP Accredited Pharmacy Practice Residency. Central Arkansas Veterans Healthcare System. Critical Care rotation.
2009 – present	<b>Preceptor</b> , University of Arkansas for Medical Sciences College of Pharmacy Combined Pharmacy Practice Residency and Master’s of Public Health Program. Critical Care rotation.
2008 – present	<b>Lecturer</b> , PhPr 4625 Therapeutics I. Lecture hours: 2010 (5 hours), 2009 (3 hours), 2008 (2 hours). <i>Electrolyte Disorders: Potassium; Electrolyte Disorders: Magnesium; Electrolyte Disorders: Calcium and Phosphate; Acute Renal Failure.</i>
2008 – present	<b>Preceptor</b> , University of Arkansas for Medical Sciences College of Pharmacy and Arkansas Children’s Hospital Pharmacy Practice Residency. Burn rotation.
2008 – present	<b>Teaching Mentor</b> , University of Arkansas for Medical Sciences College of Pharmacy Post Graduate Teaching Certificate Program. 2010 (2 residents), 2009 (2 residents).
2007 – present	<b>Preceptor</b> , PhPr 6714 Acute Care Advanced Pharmacy Practice Experience, Critical Care. Academic year 2009-2010 (17 students), 2008-2009 (17 students), 2007-2008 (4 students).

#### Texas Tech University Health Sciences Center School of Pharmacy

2007 – present	<b>Facilitator/Mentor</b> , PhPr 3423 Pharmacy Practice I
2006 – 2007	<b>Facilitator</b> , PHAR 4463 Case Studies III <i>Case-writer: ICU Management</i>

### **TEACHING EXPERIENCE, continued**

**Facilitator**, PHAR 3462 Case Studies II

*Case-writer: Cirrhosis*

**Lecturer**, PHAR 2202 Pharmaceutical Care II

Lecture hours: 2007 (2 hours). *Electrolyte Disorders*

**Preceptor**, PHAR 4675 Adult Medicine Clerkship

Academic year 2006-2007 (2 students).

**Preceptor**, PHAR 4276 Inpatient Clinical Skills

Academic year 2006-2007 (2 students).

#### University of Tennessee College of Pharmacy

2006

**Lecturer**, PHCY 353 Drug Induced Disease

Lecture hours: 2 hours. *Drug Induced Movement Disorders*.

### **RESEARCH EXPERIENCE**

2006 – 2007

Evaluation of the effect of pharmacist involvement on the cardiopulmonary resuscitation team on adherence to ACLS guidelines and outcomes. Principal Investigator: Sara Brouse, Pharm.D. Co-Investigator: **Kendrea Muldrew, Pharm.D.** Texas Tech University Health Sciences School of Pharmacy & VA North Texas Healthcare System, Dallas, Texas

2005 – 2006

Evaluation of the effectiveness and utilization of an alcohol withdrawal delirium prophylaxis protocol. Principal Investigator: **Kendrea Muldrew, Pharm.D.** Methodist University Hospital, Memphis, Tennessee

### **PUBLICATIONS**

#### Reviews and Case Reports, Peer reviewed

Franks A, **Muldrew KM**. Succinobucol: Review of the Metabolic, Antiplatelet and Cardiovascular Effects. *Expert Opinion On Investigational Drugs*; 2009;18:531-539.

**Muldrew KM**, Maples HD, Stowe CD, Jacobs RF. Intravenous voriconazole use in a pre-term infant. *Pharmacotherapy* 2005;25:893 – 898.

#### Book Chapters, Peer reviewed

Brouse SD, Johnson ML, **Muldrew KM**. Iodine-containing compounds: use in patients with documented adverse reactions. In Victor R. Preedy, Gerard N. Burrow and Ronald Watson, editors: *Comprehensive Handbook of Iodine*, Oxford: Academic Press, 2009, pp. 919-925.

Finch C, **Muldrew K**. Pancreatitis. Casebook for Textbook of Therapeutics 9<sup>th</sup> edition. Lippincott, Williams and Wilkins; 2006. (peer-reviewed)

#### Manuscripts in Preparation, Book Chapter

Muldrew KM, Neill KK, Warmack TS. Electrolyte Disorders. In S. Scott Sutton, editor: *Naplex Review Guide*, McGraw Hill, 2010 (accepted).

## ABSTRACTS AND MEETING PRESENTATIONS

McCastlain D, **Muldrew KM**, Beavers-May TK, Maples HD. Cystic Fibrosis Colonization with the Unusual Plant Pathogen, *Rhizobium radiobacter* [abstract]. *Journal of Investigative Medicine*. 2009;57:409. **Platform Presentation**, Southern Society for Pediatric Research. February 13, 2009. New Orleans, LA.

Muldrew KM, Maples HD. Linezolid Concentrations in Two Patients with Major Thermal Injury receiving Continuous Venovenous Hemodiafiltration. **Platform Presentation**, Southern Regional Burn Meeting. November 7, 2009. Shreveport, Louisiana.

## INVITED LECTURES AND PRESENTATIONS

How to Dose Moonshine and Low Molecular Weight Heparin in Critically Ill Patients. ACCME and ACPE approved continuing education program presented at the Society of Critical Care Medicine Pre-Congress, Nashville, Tennessee, January 2009.

ECMO Pharmacology. ACCME approved continuing medical education program presented at the Fall 2008 ECMO Course. Arkansas Children's Hospital, Little Rock, Arkansas, September 2008.

Pediatric Burn Care. ACPE approved continuing education program presented at the Pediatric and Neonatal Critical Care Conference. Pediatric Pharmacy Advocacy Group, Little Rock, Arkansas, April 2008.

Sedatives, Analgesics, and Neuromuscular Blocking Agents in the ICU. AACN approved continuing education program presented to registered nurses during an annual ICU Symposium. VA North Texas Healthcare System, Dallas, Texas, May 2007.

## CONTINUING EDUCATION PROGRAMS

Low Molecular Weight Heparin in Special Populations: Update for Pharmacists. Live continuing education program for pharmacists. (1 hours, ACPE program number 0004-0000-09-054-L01-P). Little Rock, Arkansas, December 2009.

Inpatient Hyperglycemia Treatment: Tools to Success. Arkansas Association of Health-System Pharmacists Fall Seminar. Live continuing education program for pharmacists. (1 hour, ACPE program number 004-999-09-024-L01-T). Little Rock, Arkansas, October 2009.

Drug Allergy. Gerald J. Glass Memorial Delta AHEC Lectureship (1.5 hours, ACPE program number 004-000-09-033-L01-P). Helena, Arkansas, September 2009.

Pediatric Burn Care. Live continuing education program for pharmacist. (1 hour) Arkansas Children's Hospital Pharmacy Department, Little Rock, Arkansas, June 2009.

Clinical Use of Dexmedetomidine. AACN approved continuing education program presented to registered nurses. (0.5 hours) Arkansas Children's Hospital, Little Rock, Arkansas, November 2008.

Insulin Therapy. AACN approved continuing education program presented to registered nurses. (0.5 hours) Arkansas Children's Hospital, Little Rock, Arkansas.

Low Molecular Weight Heparin and Special Populations. Live continuing education program presented to pharmacist. (1 hour, ACPE program number 563-000-05-021-L01). Methodist University Hospital, Memphis, Tennessee. November 2005.

## PROFESSIONAL SERVICE

### University of Arkansas for Medical Sciences, College Level

2009 - present	Member, Promotion and Tenure Review (ad hoc committee)
2009	Member, Department of Pharmacy Practice Critical Care Selection Committee
2009	Presenter/Mentor, UAMS and National Pharmacist Association of Arkansas PCAT Prep Program
2009	Presenter, UAMS Minority Association of Pre-Medical Students (MAPS) Conference
2008	Faculty Co-advisor, Pharmacy Practice Research Fellowship Student: Debbie McCastlain
2008 – present	Co-advisor, Student National Pharmaceutical Association
2008	Member, Strategic Plan Committee for Residencies and Fellowships (ad hoc committee)
2007 – present	Mentor, College of Pharmacy Mentor Program

### Arkansas Children's Hospital

2009 – present	Member, Research Committee, Burn Center
2007 – present	Member, Continuous Quality Improvement Committee, Burn Center

## PROFESSIONAL DEVELOPMENT

September 2009 – present	Teaching Scholars Program, Office of Educational Development University of Arkansas for Medical Sciences, Little Rock, Arkansas.
June 2009	Research and Evidence-Based Practice for Beginners for the Burn Center. Arkansas Children's Hospital, Little Rock, Arkansas.
May 2009	Developing Abstracts. Arkansas Children's Hospital, Little Rock, Arkansas.
August 2008 – present	Dean's Leadership Book Club, University of Arkansas for Medical Sciences College of Pharmacy, Little Rock, Arkansas.
August 2008	National Residency Preceptors Conference. American Society of Health-System Pharmacists. Washington, DC.
July 2008	Teaching in Technology. University of Arkansas for Medical Sciences. Little Rock, Arkansas
July 2006 – June 2007	Clinical Educator Teaching Certificate Program. Certificate awarded June 2007. Texas Tech University Health Sciences Center School of Pharmacy, Dallas, Texas.

## LICENSURE AND CERTIFICATION

2007 – present	Board Certified Pharmacotherapy Specialist
----------------	--

**LICENSURE AND CERTIFICATION, continued**

2005 – present	Arkansas Board of Pharmacy License #PD10119
2006 – present	Advanced Cardiovascular Life Support
2004 – present	Basic Life Support Provider

**PROFESSIONAL AFFILIATIONS**

2007 – present	National Pharmacist Association of Arkansas
2006 – present	Society of Critical Care Medicine
2005 – present	American College of Clinical Pharmacy
2004 – present	American Society of Health-System Pharmacists

**AWARDS AND RECOGNITION**

2002	Rho Chi Honor Society, University of Arkansas for Medical Sciences
2003	Phi Lambda Sigma Pharmacy Leadership Honor Society University of Arkansas for Medical Science