

# Rebecca Smith, PharmD, BCCCP

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## PROFESSIONAL PRACTICE

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**Clinical Pharmacy Specialist, Trauma and Emergency General Surgery** 2019-Present

University of Arkansas for Medical Sciences (UAMS)

Little Rock, Arkansas

Supervisor: Sherry Myatt, PharmD, BCPS

**Clinical Assistant Professor** 2019-Present

UAMS College of Pharmacy, Department of Pharmacy Practice

Little Rock, Arkansas

Supervisor: Amy M. Franks, PharmD

**Clinical Staff Pharmacist** 2019-Present

UAMS, Inpatient Pharmacy

Little Rock, Arkansas

Supervisor: Luke Green, PharmD

**Clinical Staff Pharmacist** 2018-2019

University of Kentucky (UK) HealthCare, Inpatient Pharmacy

Lexington, Kentucky

Supervisors: Elizabeth Smith, PharmD; Stacia Street, PharmD, BCPS

**Clinical Staff Pharmacist** 2017-2018

Regional One Health (ROH), Inpatient Pharmacy

Memphis, Tennessee

Supervisor: Matthew Currie, PharmD, MBA

## EDUCATION AND POSTGRADUATE TRAINING

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**ASHP Accredited PGY2 Critical Care Pharmacy Residency** 2018-2019

UK HealthCare

Lexington, Kentucky

Program Director: Alexander H. Flannery, PharmD, BCPS, BCCCP

**ASHP Accredited PGY1 Pharmacy Residency** 2017-2018

Regional One Health

Memphis, Tennessee

Program Director: Marilyn Lee, PharmD, BCPS

**Teaching and Learning Program** 2017-2018

University of Tennessee College of Pharmacy (UTHSC)

Memphis, Tennessee

Memphis Program Director: Oscar Herrera, PharmD, BCNSP

**Doctor of Pharmacy** May 2017  
*Honors in Research, Honors in Experiential Education*  
 UAMS College of Pharmacy  
 Little Rock, Arkansas

**Bachelor of Science, Biology** May 2013  
 University of Arkansas  
 Fayetteville, Arkansas

## UAMS INSTITUTIONAL COMMITTEE INVOLVEMENT

<u>Department of Pharmacy Services</u>	2019-Present
<ul style="list-style-type: none"> <li>23.4% Concentrated Saline Policy Creation</li> <li>Annual Total Parenteral Nutrition Pharmacist Competency Creation</li> <li>Anticoagulation Reversal Guideline Update</li> <li>Clinical Pharmacy Consult Downtime Procedures Update               <ul style="list-style-type: none"> <li>Heparin Drip Order Form Creation</li> <li>Insulin Drip Order Form Creation</li> <li>Sliding Scale Insulin Order Form Creation</li> <li>Total Parenteral Nutrition Order Form Update</li> </ul> </li> <li>Total Parenteral Nutrition Policy Update</li> <li>Venous Thromboembolism Prophylaxis Protocol Update</li> </ul>	
<u>Neurocritical Care Safety Committee</u>	2019-Present
<ul style="list-style-type: none"> <li>23.4% Concentrated Saline Order Set and Guideline Creation</li> <li>3% Hypertonic Saline Order Set and Guideline Creation</li> <li>Status Epilepticus Order Set and Guideline Creation</li> </ul>	
<u>Residency Advisory Committee</u>	2020-Present
<u>Trauma and Acute Care Surgery Faculty</u>	2019-Present
<ul style="list-style-type: none"> <li>Analgesia and Sedation Considerations for ECMO Guideline Creation</li> <li>Emergency Department Acute Agitation Protocol Creation</li> <li>Tranexamic Acid Order Set Update</li> <li>Acute Pain Management Guideline Update</li> <li>Decisio Renal Dosing for Medication Review/Update</li> <li>General Surgery Admission Order Set Update</li> <li>Nursing-Driven Electrolyte Replacement Protocol Creation</li> <li>Open Fracture Antibiotics Clinical Practice Management Guideline Update</li> <li>Surgical Venous Thromboembolism Prophylaxis Guideline Update</li> <li>Alcohol Withdrawal Management Protocol</li> <li>Surgical Stress Ulcer Prophylaxis Management Guideline Creation</li> </ul>	

## TEACHING ACTIVITIES

<b>Didactic Instruction</b>	
<u>Course Coordinator</u>	2022-Present
Therapeutics – Critical Care Problem-Based Learning Elective, PhPr 7361 UAMS College of Pharmacy; Little Rock, Arkansas	

Course Instructor

Special Problems in Clinical Practice: Pain, PhPr 7150-007 2020-Present  
 UAMS College of Pharmacy; Little Rock, Arkansas

Preparation for Postgraduate Residency Training, PhPr 7450 2020-Present  
 UAMS College of Pharmacy; Little Rock, Arkansas

Career Orientation and Communications, PhPr 7103 2020,2022  
 UAMS College of Pharmacy; Little Rock, Arkansas

**UAMS Experiential Instruction**

Clinical Pharmacy Specialist Preceptor

Nutrition Support Services (Elective) 2021-Present

UAMS PGY1 Pharmacy Residency Program

- 2022-2023: 1 PGY1 resident (1 month)
- 2021-2022: 2 PGY1 residents (2 months)

Neurocritical Care I 2020-Present

UAMS PGY2 Critical Care Pharmacy Residency Program

- 2021-2022: 1 PGY2 resident (1 month)
- 2020-2021: 1 PGY2 resident (1 month)

Neurocritical Care II (Elective) 2020-Present

UAMS PGY2 Critical Care Pharmacy Residency Program

- 2020-2021: 1 PGY2 resident (1 month)

Nutrition Support Services 2020-Present

UAMS PGY2 Critical Care Pharmacy Residency Program

- 2022-2023: 1 PGY2 resident (1 month)
- 2021-2022: 1 PGY2 resident (1 month)
- 2020-2021: 1 PGY2 resident (1 month)

Emergency General Surgery and Trauma Surgery 2020-Present

UAMS Advanced Pharmacy Practice Experience (APPE) – Acute Care

- 2021-2022: 4 APPE students (2 months)
- 2020-2021: 6 APPE students (3 months)

Emergency General Surgery and Trauma Surgery (Elective) 2019-Present

UAMS PGY1 Pharmacy Residency Program

- 2020-2021: 3 PGY1 residents (3 months)
- 2019-2020: 1 PGY1 resident (1 month)

**UAMS Longitudinal Instruction**

Literature Evaluation Content Expert 2021-Present

UAMS PGY1 Pharmacy Residency Program Journal Club

- Critical Care – Sedation Landmark Trials
- Emergency Medicine/Trauma - TBD

Critical Care Literature Evaluation Coordinator 2021-Present

UAMS PGY2 Critical Care Pharmacy Residency Program Case Conference Series

Recitation Evaluator 2020-Present

UAMS PGY1 Teaching Certificate Program Recitation Component

Simulation Content Expert 2020-Present

UAMS PGY1 Pharmacy Residency Program Critical Care Simulations

- Acute Ischemic Stroke
- Status Epilepticus

Grand Rounds Content Mentor 2020-Present

UAMS PGY1 Pharmacy Residency Program Grand Rounds Series

- ROTEM Interpretation (2021)
- Fluid Management in Critically Ill Patients (2020)

**RESEARCH AND SCHOLARLY ACTIVITY**

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**Peer Reviewed Publications**

Buckley CT, **Smith RR**, Velamuri SR, Hill DM. (2022), A comprehensive, retrospective analysis of variables for potential mortality impact in patients with thermal or inhalation injury. *Journal of Burn Care & Research*.

Bissell BD, Johnston JP, **Smith RR**, Newsome AS, Thompson Bastin ML, Abdul-Mutakabbir J, Barlow A, Barlow B, Berger K, Crow JR, Dixit D, Jacobi J, Karaoui LR, Kiser TH, Kolesar J, Koontz SE, Mattingly TJ, Mitchell C, Nilges A, Rech MA, Heavner, MS. (2021), Gender inequity and sexual harassment in the pharmacy profession: Evidence and call to action executive summary. *Journal of the American College of Clinical Pharmacy*. 4:1375-1378.

Bissell BD, Johnston JP, **Smith RR**, Newsome AS, Thompson Bastin ML, Abdul-Mutakabbir J, Barlow A, Barlow B, Berger K, Crow JR, Dixit D, Jacobi J, Karaoui LR, Kiser TH, Kolesar J, Koontz SE, Mattingly TJ, Mitchell C, Nilges A, Rech MA, Heavner, MS. (2021). Gender inequity and sexual harassment in the pharmacy profession: Evidence and call to action. *American Journal of Health-System Pharmacy*. 78(22):2059-76.

Bastin ML, **Smith RR**, Bissell BD, Wolf HN, Wiegand AM, Cavagnini ME, Ahmad Y, Flannery AH. (2021). Comparison of fixed dose versus train-of-four titration of cisatracurium in acute respiratory distress syndrome. *Journal of Critical Care*. Volume 65, Pages 86-90.

**Smith RR**, Hill DM, Hickerson WL, Velamuri SR. (2019). Analysis of factors impacting length of stay in thermal and inhalation injury. *Burns*.

Dayer LE, **Shilling R**, Van Valkenburg M, Martin BC, Gubbins PO, Hadden K, Heldenbrand S. (2017). Assessing the Medication Adherence App Marketplace from the Health Professional and Consumer Vantage Points. *JMIR mHealth and uHealth*, 5(4), e45.

Heldenbrand S, Martin BC, Gubbins PO, Hadden K, Renna C, **Shilling R**, Dayer L. (2016). Assessment of medication adherence app features, functionality, and health literacy level and the creation of a searchable Web-based adherence app resource for health care professionals and patients. *Journal of the American Pharmacists Association*. Volume 56, Issue 3, Pages 293-302.

**Research in Progress**

*Modified Antibiotic Prophylaxis in Trauma Patients with Open Fractures*  
UAMS; Little Rock, Arkansas

**Invited Presentations**

*Pain, Agitation, and Delirium: The Life of a Healthcare Worker and Guideline Update* January 2022  
UAMS Advanced Practice Providers Pharmacology Series; Little Rock, Arkansas

*Best Practices for Precepting* July 2021  
UAMS Teaching Certificate Program Summer Seminar; Little Rock, Arkansas

*Morbidity and Mortality Patient Case Presentation* March 2021  
UAMS Anesthesiology and Surgery Department Combined Case Conference Series; Little Rock, AR

*Discovering Your Preceptor Roles* March 2021  
UAMS Preceptor Development Series; Little Rock, Arkansas

*Using Diuresis for Successful Renal Replacement Therapy Discontinuation* April 2019  
SCCM Clinical Pharmacy and Pharmacology Journal Club Webcast; Lexington, KY

**Podium Presentations**

*Factors Contributing to Increased Length of Stay in the Burn Intensive Care Unit*  

- Society of Critical Care Medicine Critical Care Congress; San Diego, CA February 2019
- Midsouth Pharmacy Residents Conference; Memphis, TN April 2018

**Poster Presentations**

**Smith R**, Pierce C, Flannery AH, Flynn J  
*Evaluation of Cisatracurium Use in the Critically Ill*  

- Vizient University Health System Consortium; Anaheim, CA December 2018

**Shilling R**, Heldenbrand S, Martin BC, VanValkenburg M, Renna C, Hadden K, Dayer L  
*There Are Too Many Apps for That: Development of a Website Helps Patients and Providers Find Quality Medication Adherence Apps*  

- AR Pharmacists Association Annual Convention; Hot Springs, AR June 2016
- American Pharmacists Association Annual Meeting; Baltimore, MD March 2016
- AR Association of Health-System Pharmacists Fall Seminar; Little Rock, AR October 2015

Renna C, **Shilling R**, Heldenbrand S, Dayer L, Martin BC

*Navigating the Flooded Adherence App Marketplace: Rating the Quality of Medication Adherence Apps*

- American Pharmacists Association Annual Meeting; San Diego, CA March 2015
- AR Association of Health-System Pharmacists Fall Seminar; Little Rock, AR October 2014

**Journal Article Reviewer**

*Journal of Clinical Pharmacy and Therapeutics* 2021

*Journal of the American College of Clinical Pharmacy* 2018, 2021

**Critical Care Recertification Course Reviewer**

*American Society of Health-System Pharmacists*

- Statistics, EBM, and Clinical Trial Design; Oncological Emergencies 2021
- Topic TBD 2022

**ADVOCACY EXPERIENCES**

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**Invited Presentations**

Bissell B, **Smith R**, Heavner M. Speaker. *Gender Inequity and Sexual Harassment in the Pharmacy Profession: Evidence and Call to Action*. AJHP Voices Podcast. October 27, 2021.

**Smith R**. Speaker. *Sexual Harassment within Clinical Pharmacy*. University of Michigan College of Pharmacy Virtual Webinar. November 18, 2020.

**Smith R**, Barlow A, Barlow B, Johnston J. Moderator and Contributor. *Ending Sexual Harassment in Pharmacy*. Pharmacy Podcast Network. October 20, 2020.

**PRESENTATIONS**

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*Acute Management of Thermal and Inhalation Injury* May 2019  
UK HealthCare; Lexington, Kentucky

*Burn Resuscitation* March 2019  
UK HealthCare; Lexington, Kentucky

*Achieving the 3 C's – Conscious, Calm, and Cooperative – with Enteral Medications* January 2019  
UK HealthCare; Lexington, Kentucky

*2018 Pain, Agitation, Delirium, Immobility, and Sleep Guideline Update* November 2018  
UK HealthCare; Lexington, Kentucky

*Analgesia, Sedation, and Neuromuscular Blocker Pearls* October 2018  
UK HealthCare; Lexington, Kentucky

*Fluid Options in the Intensive Care Unit* September 2018  
UK HealthCare; Lexington, Kentucky

*Review of Acute Coronary Syndromes* August 2018  
UK HealthCare; Lexington, Kentucky

*A Shocking Approval: Angiotensin II for Shock* January 2018  
ROH; Memphis, Tennessee

*Getting Salty with Traumatic Brain Injury* November 2017  
ROH; Memphis, Tennessee

*Acute Ischemic Stroke – Landmark Trials* October 2017  
ROH; Memphis, Tennessee

## AWARDS AND HONORS

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American College of Clinical Pharmacy Practitioner Spotlight	2021
Arkansas Association of Health-System Pharmacists New Practitioner of the Year	2020
Arkansas Next Magazine Clinical Pharmacist Feature	2020
ROH Employee Brand Promise Award	2018
UAMS College of Pharmacy Dean’s List	2014, 2015, 2016
UAMS Interprofessional Triple Aim Project Proposal Winner	2016
American Society of Transplantation’s ODA National Challenge Winner	2014, 2015
American Society of Health-System Pharmacists Clinical Skills Competition Local Competition Winner; National Competition Participant	2015, 2016

## LEADERSHIP AND PROFESSIONAL ORGANIZATIONS

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American College of Clinical Pharmacy (ACCP)	Present
ACCP Critical Care PRN	Present
Social Media Committee	2018-2019
American Society of Health-System Pharmacists	2013-2019
Arkansas Association of Health-System Pharmacists (AAHP)	Present
AAHP Fall Seminar Poster Session Judge	2020
Arkansas Pharmacists Association	Present
Society of Critical Care Medicine (SCCM)	Present
SCCM Clinical Pharmacy and Pharmacology Section	Present
UAMS Acute Care Surgery Department Social Chair	2021-Present

## LICENSURES AND CERTIFICATIONS

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American Heart Association Advanced Life Support Certification	Present
American Heart Association Basic Life Support Certification	Present
Arkansas Pharmacist License (PD14067)	Present
Board Certified Critical Care Pharmacist (7152696)	Present
Collaborative Institutional Training Initiative Certification	Present
Kentucky Pharmacist License (019871)	2018-2019
Tennessee Pharmacist License (41615)	2017-2019