

## CURRICULUM VITAE

Lindsey E Dayer, PharmD, BCACP

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### Personal

Business: University of Arkansas for Medical Sciences (UAMS)  
College of Pharmacy  
4301 West Markham St. #522-4  
Little Rock, AR 72205-7199  
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Licensure: Arkansas Pharmacist License # 11084  
(Issued 2009)

Certification: Board of Pharmacy Specialties  
Board Certified Ambulatory Care Pharmacist (BCACP)  
Issued 2011; Expires: 2025

### Post-Graduate Education

2009-2010 Pharmacy Practice Residency  
UAMS, University Hospital  
Little Rock, Arkansas  
ASHP Accredited

### Education

2005-2009 Doctor of Pharmacy  
UAMS, College of Pharmacy  
Little Rock, Arkansas

2001-2005 Biology Major (*Magna Cum Laude*)  
University of the Ozarks  
Clarksville, Arkansas

### Academic Appointment

July 2017-Present Associate Professor  
UAMS, College of Pharmacy  
Department of Pharmacy Practice  
Little Rock, Arkansas

July 2010-June 2017 Assistant Professor  
UAMS, College of Pharmacy  
Department of Pharmacy Practice

Little Rock, Arkansas

August 2009-May 2010

Clinical Instructor  
UAMS, College of Pharmacy  
Therapeutics I and II Recitation Leader  
Little Rock, Arkansas

### **Administrative Appointment**

July 2015-Present

Director of Experiential Education  
UAMS, College of Pharmacy  
Office of Experiential Education  
Little Rock, Arkansas

### **Affiliate Faculty**

May 2017-2019

Affiliate Faculty  
UAMS Center for Health Literacy (CHL)  
Little Rock, Arkansas

### **Professional Practice Experience**

#### Clinical Experience

November 2016-Present

Clinical Pharmacist, Sickle Cell Clinic  
UAMS, Cancer Institute  
Little Rock, AR

December 2011-July 2015

Clinical Pharmacist, Palliative Care Clinic  
UAMS, Cancer Institute  
Little Rock, AR

July 2010-2012

Clinical Pharmacist, Medical Oncology Clinic  
UAMS, Cancer Institute  
Little Rock, AR

July 2009-2018

Clinical Pharmacist, Anticoagulation Clinic  
UAMS, University Hospital Outpatient Center  
Little Rock, Arkansas

#### Other Experience

July 2009-June 2010

Pharmacist/Relief Pharmacist  
UAMS, Inpatient Pharmacy  
Little Rock, Arkansas

May 2009-July 2009

Pharmacist  
UAMS, Outpatient Pharmacy  
Little Rock, Arkansas

## Teaching

### College of Pharmacy: Current Participation

PHPR 7376-001 Caring for the patient with pain: an interdisciplinary approach [elective].

**Coordinator/Lecturer** (2022-present)

PHPR 7364-008 Special Problems: Virtual Simulation Development and Scholarship [elective]. **Co-Coordinator** (2021-2023). Fall 2021 (2 students), Spring 2022 (2 students), Spring 2023 (2 students).

PHPR 7355 Special Problems [elective]. **Co-Coordinator/Lecturer** (2018-2023). Research elective. Spring 2018 (5 students), Spring 2019 (4 students), Spring 2020 (4 students), Spring 2021 (4 students enrolled), Spring 2023 (2 students)

PHPR 7364 Special Problems Acad Adm. Research. **Faculty Advisor**. Course Description: *The student will work on a research project related to medication adherence apps. The student will analyze data and begin putting together a manuscript for publication.* Fall 2018 (1 student), Spring 2019 (2 students)

PHPR 5636 Therapeutics II. **Coordinator** (2014-Present); **Lecturer** (2013-Present).  
Lecture hours: 2013 (3 hours); 2014 (5 hours); 2015 (5 hours); 2016 (4 hours); 2017 (5 hours); 2018 (6 hours); 2019 (7 hours); 2020-2022 (8 hours); 2023 (9 hours)  
*Treatment of VTE; Prophylaxis of VTE; Hypercoagulable States (2013); Anemia; Sickle Cell Anemia; Myeloproliferative Neoplasms/Disorders (2014-2015); Opioid Pain Management Overview, Opioid Dosing and Conversions, Non-Opioid Pain Management, Pain Active Learning.*

PHPR 6614 Experiential Education Elective. **Preceptor**, 4-week practical rotations in an experiential education administrative elective at the UAMS College of Pharmacy. 2016-2017 (3 students), 2017-2018 (3 students) 2018-2019 (3 students directly under me, 6 others in our office), 2019-2020 (8 students directly under me), 2020-2021 (6 students directly under me)

PHPR 7417 Research Elective. Preceptor, 4-week practical rotation focusing on a research topic. Administrative elective at the UAMS College of Pharmacy. 2018-2019 (2 students, August); 2019-2020 (1 student, August), 2020-2021 (1 student, August), 2021-2022 (2 students, August)

### College of Pharmacy: Previous Participation

PHPR 5332 Special Problems Clinical Practice [elective]. **Coordinator/Lecturer** (2020-2021). Pain Elective. Spring 2020 (4 students), Spring 2021 (4 students)

PHPR 5332 Special Problems [elective]. **Co-Coordinator/Lecturer** (2016-Present). Leadership. Fall 2016 (11 students), Fall 2017 (10 students), Fall 2018 (12 students), Fall 2019 (5 students), Fall 2020 (14 students)

PHPR 5473 Problem Based Learning Therapeutics [elective]. **Coordinator/Lecturer** (2016-2018). Supportive Care in Oncology

PHPR 5332 Special Problems Clinical Practice [elective]. **Coordinator/Lecturer** (2015). Oncology and Supportive Care. Spring 2015 (7 students).

PHPR 5332 Special Problems [elective]. **Faculty** (2014). Assessment of medication adherence smartphone applications and development of a medication adherence app website. Fall 2014 (1 student).

PHPR 4692 Self-Care Therapeutics. **Instructor** (2014-2015). Instructor hours: 2014 (4 hours); 2015 (3 hours). *N/V & Gas Online Module* (2014); *Heartburn, constipation, and diarrhea* TBL session.

PHPR 5644 Therapeutics III. **Lecturer** (2011-2018). Lecture hours: 2011 (4 hours); 2012 (10 hours); 2013 (9 hours); 2014 (9 hours); 2015, 2016 (10 hours), 2017 (7 hours), 2018(2 hours).

*Hematology/Oncology: Intro to Oncology; Hematology/Oncology: Antineoplastics Overview; Hematology/Oncology: Colorectal Cancer; Hematology/Oncology: Prostate Cancer; Hematology/Oncology: Breast Cancer; Hematology/Oncology: Lung Cancer; Hematology/Oncology: Melanoma; Hematology/Oncology: Non-Hodgkin Lymphoma (2014); Hematology/Oncology: Symptomatic Treatment and Complications of Cancer Therapy; Hematology/Oncology: Cancer Pain Management; Hematology/Oncology: Hematopoietic Stem Cell Transplantation (2012).*

PHPR 5362 Drug-Induced Disease [elective]. **Co-coordinator** (2011-2014). **Lecturer** (2010-2016). Lecture hours: 2010 (1 hour); 2011 (2 hours); 2012 (4 hours); 2013 (4 hours); 2014 (4 hours); 2016 (1 hour).

*Chemotherapy-Induced Gastrointestinal Diseases; Chemotherapy-Induced Hematological Disorders; Chemotherapy-Induced Allergic Reactions; Chemotherapy-Induced Cardiovascular Diseases.*

PHPR 7103 (PHPR 3422, previous) Career Orientation and Communications. **P1 Small Group Facilitator (5 hours)** (2010-2019).

PHPR 6614 Ambulatory Care Rotation, Oncology/Hematology Palliative Care Clinic. **Preceptor**, 4-week practical rotations in adult ambulatory care at UAMS Winthrop P. Rockefeller Cancer Institute Outpatient Clinic. 2010-2011 (2 students), 2011-2012 (12 students), 2012-2013 (10 students), 2013-2014 (13 students), 2014-2015 (11 students), 2015-2016 (2 students).

**Preceptor**, ASHP Accredited Pharmacy Practice Residency. UAMS, University Hospital. Medical Oncology Ambulatory Care Rotation: 2010-2011 (1 resident: UAMS); 2011-2012

(1 resident: UAMS); UAMS, University Hospital. Hematology/Oncology Palliative Care Ambulatory Care Rotation: 2012-2013 (3 residents: UAMS (PGY-1 x 2) and VA (PGY-2 x 1 for 2 months)); 2013-2014 (2 residents: UAMS (PGY-1 x 1) and VA (PGY-2 x 1 for 2 months)); 2014-2015 (2 residents: UAMS (PGY-1 x 1) and VA (PGY-2 x1 for 2 months)); 2015-2016 (1 resident: VA (PGY-2)).

PHPR 4625 Therapeutics I (Spring 2010) and Therapeutics II (Fall 2009) Recitation.

### **Clinical Instructor**

PHPR 6614 Advanced Pharmacy Practice Experience. **Co-Preceptor** (August-November 2009 and March 2010)

#### College of Public Health-Physician Assistant Program: Previous Participation

PAS 5252 Pharmacotherapy I. **Lecturer** (2013-2014). Lecture hours: 2013 (6 hours); 2014 (6 hours).

*Anemia and Other Blood Disorders; Oncology 1; Oncology 2; Inflammatory Bowel Disease; Diarrhea, Constipation, IBS, Hemorrhoids, and Nausea and Vomiting.*

#### College of Medicine/Physical Medicine Residents

Pain Management Series. Lecturer (2018). Lecture hours: 2018 (2 hours), 2019 (2 hours), 2021 (2 hours), 2022 (2 hours). Pain Management Series: Opioid Pain Management/Pharmacology and Non-narcotic pain management/pharmacology

#### Telehealth-Regional Program Lectures

Palliative Care and Sickle Cell. Lecturer (2019-present). Lecture hours: 2019 (1 hour, connected to Pine Bluff Regional Health Center)

### **Grants and Contracts**

#### Funded

Arkansas Nurses Foundation. Naloxone Training Practice to Manage Suspected Opioid Overdose. Elizabeth Riley (PI); Funding period 5/31/22-5/30/23, \$2,462. **Role: Co-Investigator**

State Opioid Response, II. Funding Agency: SAMHSA (continuing), grant #: H9TI083287. Jeanne Wei (PI); funding period 9/30/21-9/29/22, **Role: COP Faculty**, 3% effort.

Office of Educational Development (OED) Educational Innovation Grant Program. Interprofessional Naloxone Training Practice to Manage Suspected Opioid Overdose. Elizabeth Riley (PI); Funding period 7/1/21-6/30/22, \$2,480. **Role: Co-Investigator**

Opioid Reduction in Outpatient Thyroid and Parathyroid Surgery. UAMS Office if Interprofessional Education Small Grant Program. Brendan Stack (PI); Funded July 2019, \$11,500. **Role: Co-Investigator**

Opioid and Pain Management Pilot Grant Opportunity. UAMS Translational Research Institute. The Development and Implementation of a Standardized Pain Management Protocol for Adult Sickle Cell Patients. Issam Makhoul (PI); Funded January 2019, \$20,100.

**Role: Co-Investigator**

Submitted

No current grants submitted.

Unfunded

2014 PhRMA Foundation Young Investigator Center for Adherence Improvement Research Starter Grant. *Do Smartphone 'Apps' Improve Neuropathic Pain Medication Adherence.*

**Role: Principal Investigator**

2013 Adherence to Oral Chemotherapy Research Grant, Oncology Nursing Society Foundation. *Potentially Modifiable Factors Associated with Hormone Therapy Adherence and Persistence in Women with Estrogen Receptor-Positive Breast Cancer.*

Carol A. Enderlin (PI); January 2013

**Role: Co-Investigator**

UAMS Translational Research Institute. *The Influence of Cancer on Hypertension, Diabetes, and Hyperlipidemia Control.*

Bradley C. Martin (PI); November 2012, \$25,000

**Role: Co-Investigator**

R21: National Institutes of Health. *Do Smartphone Apps Improve Antihypertensive Adherence & Blood Pressure Control?*

Lindsey Dayer (PI); June 2012, \$395,287

**Role: Principal Investigator**

2011 Pharmacy Resident Practice-Based Grant. ASHP Foundation. *Medication Adherence Among Patients Who Receive Oral Antineoplastic Agents in the UAMS Ambulatory Oncology Clinic.*

Tara Hoesli (PI); October 2011, \$4824

**Role: Co-Investigator, Mentor**

**Publications**

Peer-Reviewed Publications

Acharya M, Hayes CJ, Chenghui L, Painter JT, **Dayer L**, and Martin BC. Opioid therapy trajectories of patients with chronic non-cancer pain over one year of follow-up after initiating short-acting opioid formulations. Accepted for publication 11/9/23 in Pain Medicine.

Lakkad M, Martin BC, Li C, Harrington SE, **Dayer LE**, Painter JT. Factors associated with guideline-concordant pharmacological treatment for neuropathic pain among breast cancer survivors. Accepted for publication 5/10/23. *Clinical Breast Cancer*

Lakkad M, Martin BC, Li C, Harrington SE, **Dayer LE**, Painter JT. The use of gabapentinoids and opioids and risk of developing opioid-induced respiratory depression among old breast cancer survivors with neuropathic pain. *J Cancer Surviv* 2023. <https://doi.org/10.1007/s11764-023-01338-9>

Creighton EW, **Dayer LE**, King D, Vural E, Sunde J, Moreno MA, Stack BC. Remote smart pill cap monitoring of post-surgical pain management in thyroid and parathyroid surgery. *Am J Surg*. 2022 Dec 30. doi: 10.1016/j.amjsurg.2022.12.020. Epub ahead of print. PMID: 36639303.

Acharya M, Hayes CJ, Chenghui L, Painter JT, **Dayer L**, and Martin BC. Comparative study of opioid initiation with tramadol, short-acting hydrocodone or short-acting oxycodone on opioid-related adverse outcomes among chronic non-cancer pain subjects. *Clin J Pain* 2023; 39(3):107-18.

Choi AN, **Dayer LE**, Chenghui Li, Stafford RA, Dunn EB. Prior pharmacy work experience as a predictor of clinical and didactic performance for admissions committees. Accepted for publication December 13, 2022. *American Journal of Pharmaceutical Education*

Lakkad M, Martin BC, Li C, Harrington SE, **Dayer LE**, Painter JT. Healthcare costs and utilization associated with pain among breast cancer survivors: a propensity score matched cohort study using SEER-Medicare data. *Journal of Cancer Survivorship* 2023; 17(4):917-950

**Dayer L**, Wagner R, King D, Lakkad M, Wilson LA, Montgomery C, Painter JT. Impact of hydroxyurea starting dose on pain outcomes in patients with sickle cell disease. Accepted for publication 9/19/22. *Journal of Pain Palliative Care Pharmacotherapy*.

Riley E, Trotter S, **Dayer L**, Teigen A, Nagel C, Stickley K, LaBorde P, Richardson L, McFerguson R, Ward N, Anders M. Interprofessional Naloxone Student Training to Manage Suspected Opioid Overdose. Accepted for publication 9/2/22. *Clinical Nurse Specialist: The Journal for Advanced Nursing Practice*.

Acharya M, Hayes CJ, Chenghui L, Painter JT, **Dayer L**, and Martin BC. Development of a potential opioid misuse measure from administrative dispensing data and contrasting opioid misuse among individuals on long-term tramadol, long-term short-acting hydrocodone or long-term short-acting oxycodone therapy in Arkansas. *Current Medical Research and Opinion*. 2022. Doi: 10.1080/03007995.2022.2112874. Published online: 8/28/2022.

Oswalt A, Callaway KR, **Dayer LE**, Lakkad M, Painter JT. The impact of continuous infusion compared to intravenous bolus administration of pantoprazole on length of intensive care unit stay in critically ill patients. *J Pharm Pract*. 2021 Aug 10:8971900211036096. doi: 10.1177/08971900211036096. Epub ahead of print. PMID: 34376087.

Dragic L, **Dayer LE**, Harrington SE, Painter JT. Comparing effectiveness of gabapentin and pregabalin in treatment of neuropathic pain: a retrospective cohort of palliative care outpatients. *Journal of Pain and Palliative Care Pharmacotherapy*. Accepted for publication 6/11/20.

Pritchard ER, **Dayer LE**, Belz J, Forseth B, Harrington S, Painter JT. Effect of cannabis on opioid utilization in patients with cancer receiving palliative care. *JAPhA, Special Issue on Cannabis*. Published online 11/5/19. (\*\*JAPhA Top 10 downloaded article in 2020\*\*)

**Dayer LE**, McDade ER, and Harrington S. Pharmacist-delivered patient care in an interdisciplinary team-based institutional palliative care clinic, 2012-2018. *J Palliat Care*, 2019 [Epub ahead of print]. DOI: 10.1177/0825859719869614

**Dayer LE**, Breckling MN, Kling BS, Lakkad M, McDade ER, Painter JT. Association of the “CDC guidelines for prescribing opioids for chronic pain” with emergency department opioid prescribing. *The Journal of Emergency Medicine* 2019; 57(5): 597-602

**Dayer LE**, Painter JT, McCain K, King J, Cullen J & Foster HR. A recent history of opioid use in the US: Three decades of change. *Substance Use & Misuse*, 2018 (published online) DOI: [10.1080/10826084.2018.1517175](https://doi.org/10.1080/10826084.2018.1517175)

Heldenbrand SD, **Dayer LE**, Martin BC, O’Brien C, Choi, AN, Gubbins PO, Hawthorne, J, Ramey M, Willis K, and Flowers SK. APPE Evaluations are Positively Associated with MMI, Pre-pharmacy GPA and Pharmacy GPA. *AJPE* 2018;82(7) Article 6326; 818-825

**Dayer LE**, Shilling R, Van Valkenburg M, Martin BC, Gubbins PO, Hadden K, Heldenbrand S. Assessing the smartphone adherence app marketplace from the health professional and consumer vantage points. *JMIR Mhealth Uhealth* 2017;5(4):e45. PMID: 28428169

**Dayer L**, Dunn, E, Pace A, Flowers S. Pharmacists’ perceived knowledge of and confidence in dispensing oral antineoplastic agents. *JAPhA*. 2016;56:141-144

Heldenbrand S, Martin BC, Gubbins, PO, Hadden K, Renna C, Shilling R, **Dayer L**. Assessment of medication adherence apps features, functionality, health literacy level and the creation of a searchable web-based adherence app resource for health care professionals and patients. *JAPhA*. 2016;56:293-302.

**Dayer L**, Harrington S, Martin B. Adherence to adjuvant neuropathic pain medications in a palliative care clinic. *JPM*. 2016;19. E-publication.



**Dayer LE**, Hutchins LF, Johnson JT. Treatment of metastatic melanoma with pazopanib: A report of five patient cases. *J Oncol Pharm Practice*. Published online Feb 27, 2014.

**Dayer L**, Heldenbrand S, Anderson P, Gubbins PO, Martin BC. Smartphone medication adherence apps: Potential benefits to patients and providers. *J Am Pharm Assoc*. 2013;53:172-181. (191 citations as of 7/28/17)

#### Submitted Manuscripts

1. Dayer LE, Peng C, Williams AJ, Luciani L, Lowery J, Butterfield B, Painter JT. Factors contributing to potential opioid prescribing at surgical discharge. Manuscript Submitted November 10, 2022. *Journal of Surgical Research*.
2. Painter JT, Peng C, Burlette M, Clement CS, Luciani L, Gohar A, Dayer LE. The effect of concurrent use of opioids and gabapentin on fall risk in older adults. Manuscript submitted October 11, 2023—*Journal of Pain and Palliative Care Pharmacotherapy*.

#### Manuscripts in Preparation

1. Development of a standardized pain management protocol for adult sickle cell disease patients- submitted to *Journal of Pain and Symptom Management*
2. Remediation strategies for student pharmacists with socio-behavioral issues in the experiential curriculum. Manuscript submitted May 8, 2023. *Currents in Pharmacy Teaching and Learning*
3. Painter JT, Dayer LE. Combination Didactic-Experiential Clinical Research Course for Student Pharmacists: Outcomes and Impact on Research Engagement and Publication.
- 4.

#### Non-Reviewed Publications

Dunn E, Wolfe J, **Dayer L**. Safety Nets. *The Arkansas Pharmacist* 2012. Summer 2012.

#### Book Chapters

**Dayer L** and Hutchison LC. Chapter 6: Palliative and Hospice Care. In: Hutchison LC, Sleeper-Irons RB, eds. *Fundamentals of Geriatric Pharmacotherapy*. 2<sup>nd</sup> edition. Bethesda, MD: American Society of Health-System Pharmacists, 2015.

#### Editorials

**Dayer L**, Heldenbrand S, Anderson P, Gubbins PO, Martin BC. Letters. Smartphone medication adherence apps: Potential benefits to patients and providers: Response to Aungst. *J Am Pharm Assoc*. 2013; 53:242.

#### **Abstracts and Meeting Presentations**

##### Original Work, National, Peer Reviewed

Siebenmorgen M, Brill J, Painter JT, Williams AJ, Filip A, Dayer LE. Effect of methadone and buprenorphine for the treatment of opioid use disorder on leaving against medical

advice in the inpatient setting. American Society for Health-System Pharmacists (ASHP) National Meeting. Anaheim, CA. December 3-7, 2023.

Fleming L, Pate, A, Heldenbrand S, Dayer L, Rhett A. Evaluation of APPE Hesitation Failure Among Preceptors. [Poster]. July 2023 AACP Annual Meeting, Aurora, CO.

Peng C, Luciani L, Dayer LE, Lowery J, Butterfield B, Dayer LE, Painter JT. Correlation between length of surgery and opioid overprescribing at hospital discharge [Poster] ISPOR 2023. Boston, MA. (May 2023)

Teigen A, Anders M, Dayer L, McFerguson R, Nagel C, Richardson L, Riley E, Stickley K, Trotter S. Interprofessional Naloxone Administration Training: Impact on Knowledge, Confidence, and Collaboration. Journal of Physician Assistant Education. March 2023.

Rhett A, Fleming L, Dayer LE, Goodman V, Pate AN. Failure to Fail: Evaluation of Preceptor-Hesitation to Fail Advanced Pharmacy Practice Experience (APPE) Students. [Poster]. 2022 ASHP Midyear Clinical Meeting, Las Vegas, NV, December 6, 2022.

Dayer LE. The Emerging Treatment Landscape for the Management of Sickle Cell Disease: What's on the Horizon. ASHP Webinar. Virtual, October 19, 2022.

Dayer LE, Riley E, Stickley K, Teigen A, Richardson, L, Trotter S, Nagel C, McFerguson R, Ward N, Anders M, Heldenbrand S. An Interprofessional Team Education Simulated Naloxone Training Experience for IPPE Students. 2022 AACP Annual Meeting, AJPE 2022; 86(5) Article 9171 page 481. Grapevine, TX, July 24, 2022

Dayer LE and Painter JT. Development of a combination Didactic-Experiential Clinical Research Course Series. 2022 AACP Annual Meeting, AJPE 2022; 86(5) Article 9171 page 516. Grapevine, TX, July 24, 2022.

Burlette MA, Clement C, Painter JT, Peng C, Azhar G, Dragic L, Dayer L. The effect of concurrent use of opioids and gabapentin on fall risk in older adults. 2021 ASHP Midyear Clinical Meeting, Virtual, December 7, 2021

Richardson L, McFerguson F, Riley E, Dayer L, Teigen A, Trotter S, Huitt T, Ward N. Interprofessional Naloxone Training Practice to Manage Suspected Opioid Overdose. NLN 2021 Summit: Leading and Teaching Beyond Resilience. National League for Nursing, National Harbor, MD, September 23-25, 2021.

Lowery J, Butterfield B, Dragic L, Painter JT, **Dayer LE**. Morphine equivalent daily dose (MEDD) received 24-hour pre-discharge and prescribed at discharge for UAMS surgical patients. 2020 ASHP Midyear Clinical Meeting, Virtual, December 8, 2020.

Kuhn S, Bhakta R, Dayer L, Harrington S, Painter J. Characterizing opioid rotations in cancer patients in an outpatient setting. 2020 ASHP Midyear Clinical Meeting, Virtual, December 8, 2020.

Wagner R, King D, Lakkad M, Painter, JT, **Dayer LE**. Impact of Hydroxyurea Starting Dose on Pain Outcomes in Patients with Sickle Cell Disease. 2019 ASHP Midyear Clinical Meeting, Las Vegas, NV, December 2019.

**Dayer LE**, Heldenbrand S, Flowers SK. Development of a Leadership Elective for Student Pharmacists. 2019 AACP Annual Meeting, AJPE 2019; 83(5) Article 7654. Chicago, IL, July 13-17, 2019.

Lakkad M, Pritchard R, **Dayer LE**, Kling B, Breckling M, Painter JT. Opioid prescribing for chronic pain and impact of CDC guidelines in an academic center emergency department: interrupted time series analysis. Academy Health, Washington DC, June 2019.

Kling B, Breckling, M, Painter JT, Lakkad M, Pritchard R, **Dayer LE**. Impact of the CDC guidelines on opioid prescribing for chronic pain in an academic medical center emergency department. 2018 ASHP Midyear Clinical Meeting, Anaheim, CA, December 3, 2018.

Belz J, Forseth B, Pritchard E, **Dayer LE**, Painter JT. Effect of recreational cannabis on opioid utilization in palliative care cancer patients. 2018 ASHP Midyear Clinical Meeting, Anaheim, CA, December 3, 2018.

Heldenbrand SD, Castleberry A, Payakachat N, **Dayer LE**, Martin BC, Choi AN, Flowers SK. MMI, PCAT, and pharmacy GPA are associated with performance on cumulative high-stakes examination in senior year. 118<sup>th</sup> Annual Meeting of the American Association of Colleges of Pharmacy, Nashville, TN, July 15-19, 2017 (*AJPE 2017; 81 (5) Article S5 pp 114*).

**Dayer LE**, Flowers SK, Martin BC, O'Brien CE, Choi A, Hawthorne J, Willis K, Ramey M, Heldenbrand S. Multiple-mini interview (MMI) for pharmacy school admissions is prognostic with advanced pharmacy practice experience (APPE) scores. 117<sup>th</sup> Annual Meeting of the American Association of Colleges of Pharmacy, Anaheim, CA, July 23-27, 2016. (*AJPE 2016; 80 (5) Article S2 pp 32*).

**Dayer L**, Harrington S. Pharmacist delivered patient care in an institutional palliative care clinic. American College of Clinical Pharmacy Virtual Poster Symposium. May 2016. (*Pharmacotherapy 2016*).

Shilling R, VanValkenburg M, Renna C, **Dayer L**, Martin BC, Hadden K, and Heldenbrand. There are too many apps for that: Development of a website helps patients and providers

find quality medication adherence applications. American Pharmacists Association Annual Meeting, Baltimore, MD, March 4-7, 2016. (JAPhA 2016)

**Dayer L**, Harrington S, Martin B. Adherence to adjuvant neuropathic pain medications in palliative care. American College of Clinical Pharmacy Virtual Poster Symposium. May 2015. (*Pharmacotherapy* 2015; 35 (5): e 66-95. [**Abstract 31**])

Heldenbrand S, Martin B, **Dayer L**, Renna C, Shilling R. Navigating the adherence app marketplace: Rating the quality of the medication adherence apps. March 2015(*JAPhA* 2015; 55 (2): e113-e263. [**Abstract 25**]).

**Dayer LE**, Warmack TS, Flowers SK. Variations of Campus Assignment Policies at Colleges of Pharmacy with Distant Campuses. 115<sup>th</sup> Annual Meeting of the American Association of Colleges of Pharmacy, Grapevine, TX, July 26-30, 2014. (*Am J Pharm Ed* 2014; 78 (5): Article 111).

**Dayer L**, Payakachat N. Barriers to medication adherence among patients receiving oral antineoplastic agents. American College of Clinical Pharmacy Virtual Poster Symposium. May 20-21, 2014. (*Pharmacotherapy* 2014; 34 (6): e74-115. [**Abstract 46**])

**Dayer L**, Flowers S, Dunn E. Evaluation of community pharmacists' perceived confidence identifying drug/herbal interactions and adverse drug events with oral antineoplastic agents. American College of Clinical Pharmacy Virtual Poster Symposium. May 20-21, 2014. (*Pharmacotherapy* 2014; 34 (6): e74-115. [**Abstract 15**])

**Dayer LE**, Johnson J, Merrell K, and Hutchins L. Treatment of metastatic melanoma with pazopanib: a report of 5 patient's cases. American Society of Health-System Pharmacists 2013 Midyear Clinical Meeting, Orlando, FL, December 8-12, 2013. [**Poster # 1-039**]

**Dayer LE**, Flowers SK, Pace AC, Dunn E. Evaluation of Community Pharmacists' Knowledge and Confidence When Counseling Patients on Oral Antineoplastic Agents. 113<sup>th</sup> Annual Meeting of the American Association of Colleges of Pharmacy, Kissimmee, FL, July 14-18, 2012. (*Am J Pharm Ed* 2012; 76 (5): Article 99)

Hoesli, T, **Dayer, L**, Payakachat N. Barriers to Medication Adherence among Patients Who Receive Oral Antineoplastic Agents in the Outpatient Setting. 2011 American Society of Hospital Pharmacy Annual Meeting (ASHP). [**Poster**], New Orleans, Louisiana.

Heldenbrand S, **Turnbow L**, Payakachat N. Evaluation of Patient Satisfaction and Self-Efficacy after Medication Education Following Solid Organ Transplantation [**Abstract 211**]. 2010 American College of Clinical Pharmacy Annual Meeting (ACCP). [**Poster**], Austin, Texas, 17-20, 2010

Original Work, National, Non-Reviewed

Malloy M, Watson B, Dayer LE. UAMS-SSHP's Annual Residency Night. [Poster]. 2022 Midyear Clinical Meeting. Las Vegas, NV. December 4, 2022.

Coughran B, Cook J, Jones L, Bailey B, Clement B, Malloy M, Dayer L. Professional development panel: technological advancements in pharmacy. 2021 Midyear Clinical Meeting. Virtual, December 7, 2021.

Original Work, Regional, Non-Reviewed

Evaluation of Patient Self-Efficacy and Satisfaction after Medication Counseling Post-Transplantation. [Presentation] Midwest Pharmacy Residents Conference. Omaha, Nebraska, May 7, 2010

Original Work, State, Non-Reviewed

Siebenmorgen M, Brill J, Painter JT, Williams AJ, Filip A, Dayer LE. Effect of methadone and buprenorphine for the treatment of opioid use disorder on leaving against medical advice in the inpatient setting. Arkansas Association of Health-System Pharmacists (AAHP) Fall Seminar. Little Rock, AR. October 26, 2023.

McLeroy-Charles K, Dayer LE, Moore H, Harrington SE, Painter JT. Palliative care outpatient PCA use: A case series. [Poster]. AAHP Fall Seminar, Little Rock, AR, Oct 7, 2022. **\*\*People's Choice Poster Winner\*\***

Stickley K, Riley E, Dayer LE, Teigen A, Richardson L, Trotter S, Nagel C, McFerguson R, Ward N, Anders M. Helping students thrive in clinical education. [Podium]. Arkansas Nursing Research Dayer, UAMS Campus, Little Rock, AR, April 8, 2022.

Stickley K, Riley E, Dayer L, Teigen A, Richardson L, Trotter S, Nagel C, McFerguson R, Ward N, & Anders M. Building successful IPE learning opportunities through naloxone training [Poster]. 2022 Teach the Teacher Symposium – UAMS Office of Educational Development, Little Rock, AR, United States. April 1, 2022.

Burlette, MA, Clement C, Painter JT, Peng C, Azhar G, Dragic L, Dayer L. The effect of concurrent use of opioids and gabapentin on fall risk in older adults. [Poster]. AAHP Fall Seminar, Virtual, September, 23, 2021. **\*\*1<sup>st</sup> Place Winner\*\***

Lowery J, Butterfield B, Dragic L, Painter JT, Dayer LE. Morphine equivalent daily dose (MEDD) received 24-hour pre-discharge and prescribed at discharge for UAMS surgical patients. AAHP Fall Seminar, Virtual, October 8, 2020.

Kuhn S, Bhakta R, Dayer L, Harrington S, Painter J. Characterizing opioid rotations in cancer patients in an outpatient setting. AAHP Fall Seminar, Virtual, October 8, 2020.

Callaway K, Lakkad M, Painter JT, Dayer L, Oswalt A. The Impact of Pantoprazole Administration Method on Length of Intensive Care Unit Stay in Critically Ill Patients. Student Research Day, UAMS Campus, Little Rock, AR, March 10, 2020.

Wagner R, King D, Lakkad M, Painter, JT, **Dayer LE**. Impact of Hydroxyurea Starting Dose on Pain Outcomes in Patients with Sickle Cell Disease. AAHP Annual Fall Seminar, Little Rock, AR, October 3, 2019.

Holland J, Engstrom J, Heldenbrand S, Martin BC, Hadden K, **Dayer LE**. The impact of the MyMeds smartphone app on adherence rates: patient characteristics of recruited participants in a prospective trial. 137<sup>th</sup> APA Annual Convention, Little Rock, AR, June 6, 2019.

Kling B, Breckling, M, Painter JT, Lakkad M, Pritchard R, **Dayer LE**. Impact of the CDC guidelines on opioid prescribing for chronic pain in an academic medical center emergency department. AAHP Annual Fall Seminar, Little Rock, AR, October 11, 2018.

Belz J, Forseth B, Pritchard E, **Dayer LE**, Painter JT. Effect of recreational cannabis on opioid utilization in palliative care cancer patients. AAHP Annual Fall Seminar, Little Rock, AR, October 11, 2018.

Bookout C, Boyle B, Thornton S, Erbach, K, Aykin-Burns N, Castleberry AN, **Dayer L**. Advancing Student's Learning in a Pharmacology Course through Counseling a Cancer Patient. Student Research Day 2016, University of Arkansas for Medical Sciences, Little Rock, AR, April 13, 2016. [**Poster #24**].

Bookout C, Boyle B, Thornton S, Erbach K, Aykin-Burns N, **Dayer L**, Castleberry A. Advancing Student's Learning in a Pharmacology Course through Counseling a Cancer Patient. Encore Presentation: Arkansas Pharmacists Association Annual Convention Student Poster Session, Hot Springs, AR, June 23, 2016. [Student Poster Session Award Winner]

Shilling R, VanValkenburg M, Renna C, **Dayer L**, Martin B Hadden K, and Heldenbrand S. There are too many apps for that: Development of a website helps patients and providers find quality medication adherence applications. Arkansas Association of Health-System Pharmacists 49<sup>th</sup> Annual Fall Seminar, Little Rock, AR, October 8-9, 2015 [**Poster**].

**Dayer L** and Renna C. Navigating the flooded adherence app marketplace: rating the quality of the medication adherence apps. UAMS Women in Research Poster Showcase, Little Rock, AR, October 2014 [**Poster**].

Renna C, Shilling R, Heldenbrand S, **Dayer L**, and Martin B. Navigating the flooded adherence app marketplace: rating the quality of medication adherence apps. Arkansas

Association of Health-System Pharmacists 48<sup>th</sup> Annual Fall Seminar, Little Rock, AR, October 2-3, 2014 [Poster].

**Dayer LE**, Johnson J, Merrell K, and Hutchins L. Treatment of metastatic melanoma with pazopanib: a report of 5 patient's cases. Arkansas Association of Health-System Pharmacists 47<sup>th</sup> Annual Fall Seminar, Little Rock, AR, October 3-4, 2013. [Poster]

### **National Invited Presentations**

Sickle Cell Disease: Discussions on the Challenges and Best Practices to Address the Gaps in Care. AMCP 2022, Chicago, IL. March 31, 2022 (1.5 hours CE, presented with presenter and panel moderator; presented with Lametra Scott, PharmD and Andrew Campbell, MD)

Insights into sickle cell disease: complexities of care. AMCP Nexus 2021, Denver, CO. October 18, 2021 (1.5 hours CE, presented with Susan Trieu, PharmD)

AACP Microsession: Student Remediation (Theme). Remediation Strategies for Students with Social-Behavioral Issues in the Experiential Curriculum. AACP Annual Meeting Virtual Pharmacy Education 2020. July 13-31, 2020.

Leadership Development Special Interest Group Virtual Symposium. Development of a Leadership Elective for Student Pharmacists. June 1-5, 2020.

PharmTalk: Innovative Pharmacy Services for Special Populations. One Size Does NOT Fit All in the Management of Sickle Cell Disease Pain. APhA Annual Meeting 2020, March 21-2020. Virtual Presentation.

Message in a Bottle: Innovations to Improve Adherence. ACCP Global Conference on Clinical Pharmacy, Seattle, Washington. October 23, 2018. (1.5 hour CE, presented with Barry Carter and Jennifer Cocohoba).

PharmTalk: Innovations in Expanding Pharmacy Practice Opportunities: Part 2. Interprofessional Practice in a Sickle Cell Clinic. APhA 2018, Nashville, Tennessee, March 16, 2018.

APhA-APRS ESAS Colleagues in Research: Stick to the Script: Tech Advancements in Medication Adherence; Day of Science Track, San Francisco, California, March 25, 2017.

### **Invited Presentations**

Dayer LE. The Emerging Treatment Landscape for the Management of Sickle Cell Disease: What's on the Horizon. [Podium]. ASHP Chapter Meeting (Quad City Pharmacy Association). Moline, IL, October 27, 2022.

Considerations in Pharmacologic Management for Treatment of Pain in Older Adults. Geriatrics and Long-Term Care Update. Donald W. Reynolds Institute on Aging, UAMS Campus, Little Rock, Arkansas. September 20, 2019.

Opioid Use: Review for Primary Care. 22<sup>nd</sup> Annual Family Medicine Update. UAMS, Little Rock, Arkansas. October 26, 2018.

Changes in Experiential Education: Standards, Rubric, Graduation with Honors in Experiential Education. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, July 11, 2016

Adjuvant Pain Medication Review. Partners in Care Conference, Little Rock, Arkansas, October 3, 2014.

Controversies in Pain Management. 15<sup>th</sup> Annual Geriatrics and Long-Term Care Update, Little Rock, AR, September 14, 2014.

Oral Chemotherapy Adherence. Cancer Institute Grand Rounds, UAMS Winthrop P. Rockefeller Cancer Institute, Little Rock, Arkansas, October 3, 2012

Immunotherapy for Prostate Cancer: A New Frontier. Annual Florence Zook Oncology Nursing Symposium, UAMS Winthrop P. Rockefeller Cancer Institute, Little Rock, Arkansas, August 24, 2012

Adjuvant Pain Medication Review. 2<sup>nd</sup> Annual Palliative Care Conference, Little Rock, Arkansas, June 16, 2012

The Cost-Effective View of Medications for Symptom Management. Annual Florence Zook Oncology Nursing Symposium, UAMS Winthrop P. Rockefeller Cancer Institute, Little Rock, Arkansas, August 26, 2011

Clinical Pharmacy Services in the Cancer Institute. Cancer Institute Grand Rounds, UAMS Winthrop P. Rockefeller Cancer Institute, Little Rock, Arkansas, June 29, 2011

Pulmonary Hypertension. Pharmacy Grand Rounds, Central Arkansas Veterans Healthcare System, Little Rock, Arkansas, January 27, 2010

### **Continuing Education and Educational Programs**

Becoming a Professional: Cultivating Professional Identity in Your Students. Arkansas Association of Health-System Pharmacists (AAHP) Fall Seminar. Little, Rock, AR. October 26, 2023

Sickle Cell Update. Connecting Across Professions (CAP) Teleconference. UAMS Campus, Little Rock, AR, February 7, 2023



Helping students thrive in clinical education panel discussion. Teach the Teacher Symposium. IDW UAMS Campus Little Rock, AR, April 1, 2022.

Insights into Sickle Cell Disease. CAP Teleconference. UAMS Campus, Little Rock, AR, March 15, 2022

Development of virtual pharmacy simulations using MyDispense. UAMS Simulation Research Day, November 2, 2021 (presented with Hannah Howard, Siddhi Patel, and Rachel Stafford, PharmD)

“I thought we talked about that!” 6<sup>th</sup> Annual UAMS Preceptor Development Conference. Virtual, August 2021.

Application of the Patient Care Process & Experiential Update. 5<sup>th</sup> Annual Preceptor Development Conference. Virtual, August 29, 2020

Palliative Care and Sickle Cell Disease. CAP Teleconference. UAMS Campus, Little Rock, AR, February 11, 2020

Palliative Care and Sickle Cell Disease. Regional Program Presentation to Medical Residents (telehealth conference to Magnolia); given in Little Rock, AR; April 9, 2020.

Emotional Intelligence and Student Performance. Pharmacy Ownership and Leadership Conference, UAMS Campus, Little Rock, AR, June 17, 2019

New Tools of the Trade: Incorporating Medication Adherence Applications into Practice. Faculty Development Seminar. Learning and Education in Group Opportunities (LEGOS). UAMS Campus, Little Rock, Arkansas, June 5, 2019.

Emotional Intelligence and Student Learning. Faculty Development Seminar. Learning and Education in Group Opportunities (LEGOS). UAMS Campus, Little Rock, Arkansas, March 6, 2019.

Palliative Care and Sickle Cell. Regional Program Presentation to Medical Residents (telehealth conference to Pine Bluff); given in Little Rock, AR; March 26, 2019

Updates in UAMS Experiential and Creating “Moments” for Student Pharmacists. 52<sup>nd</sup> Annual AAHP Fall Seminar. Little Rock, Arkansas, October 11-12, 2018.

Pain Management Series: Opioid Pain Management/Pharmacology. Connecting Across Professions, UAMS Center for Distance Health, ANGELS. Little Rock, Arkansas, July 17, 2018

Common Medications Used in Sickle Cell Disease. Connecting Across Professions, UAMS Center for Distance Health, ANGELS. Little Rock, Arkansas, June 12, 2018

Considerations in Outpatient Pain Management for Sickle Cell Disease. Connecting Across Professions, UAMS Center for Distance Health, ANGELS. Little Rock, Arkansas, September 5, 2017.

Emotional Intelligence and Student Performance. Encore Preceptor Development Conference. Northwest COP Campus. Fayetteville, Arkansas, November 6, 2016

Opioid Use and Pain Management. Arkansas Association of Health-System Pharmacists online webinar. June 16, 2016.

Emotional Intelligence and Student Performance. Inaugural Preceptor Development Conference. Winthrop Rockefeller Institute. Morrilton, Arkansas, April 9, 2016

The Golden Years and Pain Management. APN Medication Update. UAMS Institute on Aging, Little Rock, Arkansas, April 12, 2013.

Adjuvant Pain Medication Review. Healthy Connections Incorporated Inservice, Mena, Arkansas, August 29, 2012

Yervoy. Nursing Inservice Education Opportunity (Sponsored by the Cancer Institute Education Committee), Little Rock, Arkansas, May 9<sup>th</sup> & 16<sup>th</sup>, 2012

Pharmacist's Involvement in the Management of Pain. Pharmacist Continuing Education Program. Russellville, Arkansas, December 13, 2011.

Oral Chemotherapy: A New Era in Cancer Treatment. Pharmacist Continuing Education Program. Golden Certificate Program. Little Rock, Arkansas, October 27, 2011

Oral Chemotherapy Adherence Workshop. Pharmacist and Nursing Continuing Education Program. Oncology Nursing Society 2011 Fall Fling. Little Rock, Arkansas, October 15, 2011

Oral Chemotherapy: A New Era in Cancer Treatment. Pharmacist Continuing Education Program. Little Rock, Arkansas, October 9, 2011

Pharmacist's Involvement in the Management of Adverse Effects Related to Chemotherapy and Targeted Therapies. Pharmacist Continuing Education Program. Arkansas Association of Health-System Pharmacists 2011 Fall Seminar. Little Rock, Arkansas, October 6, 2011

Clinical Pharmacy Services in the Cancer Institute. College of Pharmacy Noon Seminar, Little Rock, Arkansas, September 23, 2011

Conflict Management. Pharmacist Continuing Education Program. Sandestin, Florida, August 5, 2011

The Pharmacist's Role in Infertility. Pharmacist Continuing Education Program. Sandestin, Florida, August 5, 2011

A Review of Histo. Pharmacist Continuing Education Program. Arkansas Association of Health-System Pharmacists 2009 Fall Seminar. Little Rock, Arkansas, October 8, 2009

### **Volunteer Presentations**

Girl Power in STEM- Pharmacy. Chapstick Lab. University of Central Arkansas (UCA), Conway, Arkansas, April 29, 2022.

Women in pharmacy: How we got there. UCA STEM Leadership for Girls Conference. Conway, Arkansas, February 26, 2016.

### **Ad-Hoc Misc. Curriculum Design**

Adult Sickle Cell Curriculum for Residency Students and the UAMS Regional Programs: Section 1-Safe Opioid Prescribing Practices. March 2017.

### **Media Appearances**

To Vaccinate or Not? THAT is the Question. The VitaminSC3 Podcast. Recorded on 9/36/22.

World's Leading Digital Adherence Researchers Choose MyMeds Digital + Human Platform for Research Partnership. MyMeds Press Release. May 16, 2018. Available at <http://www.prweb.com/pdfdownload/15487917.pdf>

Student Fellowships Build Pipeline to Research Careers. UAMS Journal. Summer 2015. Article written by Jon Parham.

Smart Medication Reminders for the Tech-Savvy Patient. US News and World Report. April 21, 2015. Article written by Samantha Costa; accessed at <http://health.usnews.com/health-news/health-wellness/articles/2015/04/21/smart-medication-reminders-for-the-tech-savvy-patient>

PharmD Professors Discuss the Value of AdhereTech's Smart Pill Bottle and the Data it Collects. AdhereTech. Oct 2014; accessed at <http://blog.adheretech.com/post/99991267960/pharmd-professors-discuss-the-value-of#>

Medication Adherence Apps Coming of Age. Pharmacy Practice News. Sept 2014;41. Article written by Paul Bufano. Accessed at [http://www.pharmacypracticenews.com/ViewArticle.aspx?d=Technology&d\\_id=52&i=September+2014&i\\_id=1098&a\\_id=28199](http://www.pharmacypracticenews.com/ViewArticle.aspx?d=Technology&d_id=52&i=September+2014&i_id=1098&a_id=28199)

**Apportunities for Better Medication Adherence.** Clinical Innovation+Technology. January 2014. Article written by Laura Pedulli. Accessed at <http://www.clinical-innovation.com/topics/mobile-telehealth/apportunities-better-medication-adherence?nopaging=1>.

Smartphone Study Outlines Adherence App Potential. Pharmacy Times. July 2013. [www.PharmacyTimes.com](http://www.PharmacyTimes.com).

Apps to Help Patients Remember Meds. KARK 4 News. May 8, 2013. [http://arkansasmatters.com/fulltest?nxd\\_id=660712](http://arkansasmatters.com/fulltest?nxd_id=660712).

**Dayer L,** Heldenbrand S, Anderson P, Gubbins PO, Martin BC. Smartphone medication adherence apps: Potential benefits to patients and providers. J Am Pharm Assoc. 2013;53(2):172-181. Article featured on Medscape Pharmacists. [http://www.medscape.com/viewarticle/782609\\_1](http://www.medscape.com/viewarticle/782609_1)

### **Panel Participation**

Topic: Sickle Cell, 2023 UAMS Sickle Cell Symposium. Little Rock, AR, September 12, 2023

Topic: Oncology/Chemotherapy Adverse Effects, Arkansas Association of Health-System Pharmacists 2011 Fall Seminar. Little Rock, Arkansas, October 6, 2011

### **Expert Contributor**

Video content and developer for the following presentation: Targeting the sickle cell disease cascade and shifting approach to care. Developed 4 sickle cell animation videos: MOA for hydroxyurea, crizanlizumab, and voxelotor and one for the pathophysiology of sickle cell disease. September 2022.

Planner, Appropriate Prescribing of Opiates CE online course (released August 2018) to help Arkansas health care providers (facilitator: Jeannette Shorey) Available at <https://uams.cloud-cme.com/default.aspx?EID=23940&P=3000&CaseID=25>

Pharmacist's Letter. Adherence. Mar 2016; Vol. 32(3).

Pharmacist's Letter. Medication Adherence. Dec 2013; Vol 29(12).

### **Certifications and Specialty Training**

Community Pharmacy-Based Point-of-Case Testing Certificate Program (completed October 4, 2017)

Board Certified Ambulatory Care Pharmacist (issued December 2011, recertification issued 1/1/2019)

HIPAA Required Privacy & Security Training (up to date)

UAMS Teaching Certificate Program (June 2009-July 2010)

Basic Cardiac Life Support, American Heart Association (up to date, recommended renewal 10/2023)

Immunization Certification, Arkansas State Board of Pharmacy (issued June 2009)

## **Professional Organizations**

### National Level

American Association of Colleges of Pharmacy (AACP), 2010-Present

American College of Clinical Pharmacy (ACCP), 2009-2022

American Pharmacists Association (APhA), 2009-2022

American Society of Health System Pharmacists (ASHP), 2009-Present

### State Level

Arkansas Chapter of American College of Clinical Pharmacy (AR-ACCP), 2011-2014, 2016

Arkansas Pharmacists Association (APA), Hospital Pharmacist Member, 2010-Present

Arkansas Association of Health-System Pharmacists, 2010-Present

### Previous Professional Organization (and involvement)

Hematology Oncology Pharmacists Association (HOPA), 2010-2016

## **Manuscript and other Reviews**

Annals of Internal Medicine: October 2022 (*The Use of Opioids in the Management of Chronic Pain: Synopsis of the 2022 Updated U.S. Department of Veterans Affairs and U.S. Department of Defense Clinical Practice Guideline*). Decision: Accept with minor revisions

JMIR: March 2021 (*A smartphone-based application to improve adjuvant treatment adherence to multidisciplinary decisions in early breast cancer patients*). Decision: Accept with major revisions

Current Oncology: January 2021 (*Managing opioids and mitigating risk: A survey of attitudes, confidence and practices of oncology health care professionals*).

JAPhA: April 2019 (*Lofexidine versus clonidine for mitigation of opioid withdrawal symptoms: a systematic review*). Decision: Accept

CPTL: January 2019 (*Pharmacy students' level of financial literacy and its differences among students with various career intentions*). Decision: Reject

Ambulatory Care Self-Assessment Program (ACSAP): *Pulmonary Care Book*. May 2018-Oct 2018.

CPTL: December 2017 (*Assessment of a didactic ambulatory care pharmacy elective on student perceptions and subsequent performance in an ambulatory care advanced pharmacy practice experience*)

JPM: October 2017 (*Levorphanol for the treatment of intractable neuropathic pain in cancer patients*)

JMIR: August 2017 (*The development of a multi-level iphone game to increase motivation and adherence to antiretroviral treatment for youth living with HIV*)

JMIR: April 2017 (*Text messaging and smartphone applications as interventions to improve adherence in adolescents with chronic health conditions: A systematic review*)

Currents in Pharmacy Teaching and Learning (CPTL), February 2016 (*Development of a pharmacy elective in a pharmacy school*)

Journal of Medical Internet Research (JMIR): Jan 2015 (*Can standards and regulations keep up with health technology*), Nov 2013 (*Evaluating the perceptions of mobile medication management applications with adults 50 and older*)

Journal of the American Pharmacist Association (JAPhA), March 2013 (*Smartphone application (app) for pharmaceutical care*)

## **Professional Appointments and Service**

### National Level

2023-Present	Secretary of Knowledge Management, AACP Experiential Education Section
2023-Present	Member, AACP Experiential Education Resolutions Committee
2023-Present	Ex Officio Member, AACP Experiential Education Programming Committee
2022-Present	Member, AACP Experiential Education Awards Committee
2020-Present	Member, AACP Champion Advisory Committee
2018-2022	Reviewer, AACP New Investigator Award (NIA) (2018-2019, 2019-2020, 2021)
2017-2020	Member (Chair 2018-2019, Immediate Past Chair 2019-2020), AACP Pharmacy Practice Awards Committee
2017-2018	Member, 2018 AACP Annual Meeting, Experiential Education Section, Abstract Committee
2017-2018	Member, 2018 AACP Annual Meeting, Pharmacy Practice Section, Abstract Committee (reviewed 5 abstracts)
2015-2016	Reviewer, 2016 AACP Annual Meeting, Experiential Education Section, Abstracts Committee
2015-2016	Delegate, UAMS Faculty AACP House of Delegates

2013-2014	Reviewer and Member, HOPA Research Abstract Review Committee (Term: June 1, 2013-May 31, 2014)
<i>State Level</i>	
2020-Present	Member, AAHP New Member, Student and Resident (NRS) Council
2015-2018	Chair, AAHP Membership and Communication Council
2011-2012	Member, AR-ACCP Programming Committee
<i>University Level</i>	
2018-Present	Member, UAMS Conflict of Interest (COI) Committee
2015-2017	Member, Appropriate Prescribing Workgroup
2014	Member, UAMS Patient and Family Centered Care (PFCC) Committee
2011-2014	Delegate (College of Pharmacy), UAMS House of Delegates (HOD)
2009- 2010	Member, UAMS Pharmacy and Therapeutics Committee
<i>College Level</i>	
2023-present	Member, Therapeutics Series Working Group
2023-present	Member, Student Research Committee
2021-2023	Faculty Advisor, Honor Council
2021-Present	Member, Curriculum Committee
2021-Present	MyDispense Planning Committee
2020-Present	Member, Experiential Advisory Committee (EAC)
2020-2022	Member, PEP PhD program Dissertation Committee (2020; Mahip Acharya, 2020-21; Mrinmayee Lakkad)
2020-2021	Chair, Family Medicine position search committee
2020-2021	Pharmacy Practice Self-Study Group Leader
2019-Present	SSHP Faculty Advisor
2018-2019	Co-Leader, Curriculum 2020 Working Group
2018-2019	Member, APPE Readiness Working Group
2017-Present	Member, Pharmacy Practice OSCE Board (Chair- appointed January 2018)
2016-2017	Chair, Family Medicine position search committee
2016	Member, Hem/Onc/Palliative Care position search committee (Chair: Denise Ragland)
2016-2017	Member, Special Test Taking Accommodations Committee
2016	Member, Experiential Education APPE Design Ad Hoc Committee
2016	Co-Chair, Curriculum Retreat Experiential Education work group
2015-2019	MMI Co-Coordinator, Pharmacy School Admissions Interviews

2015	Member, EBRx/NCTR position search committee (Chair: Jeremy Thomas, PharmD)
2013-2014	Member, Residency Discussion Group
2013-2014	Member, Academic Progression Committee
2013-2015	Member, Assessment Committee
2012-2021	Member, Campus Assignment Committee <b>Chair-2013-Present</b>
2011-2013	Member, Interprofessional Community Clinic Committee (professional advisory board)
2011-2013, 2014-2016, 2019-2021	Member, Admissions Committee
2011-2019	Faculty Advisor, Phi Delta Chi
2011	Member, Grievance Panel
2010-Present	Mentor, College of Pharmacy Mentorship Program
2010-Present	Reviewer, Teaching Certificate Portfolio

### **Leadership and Professional Development**

September 2023-August 2024	UAMS Executive Healthcare Leadership Institute Participant
December 2021	COP OSCE Writing Workshop coordinator
May 2021	UNC Eshelman School of Pharmacy CIPhER 2021 Summer Institute in Evidence-Based Teaching & Course Design
May 29-30, 2019	COP OSCE Workshop Coordinator
June 7-9, 2017	OSCE-ology Leslie Dan Faculty of Pharmacy Toronto, ON
September 2016-Present	Provost's Leadership Book Club
January 2015-December 2015	UAMS Leadership Institute Little Rock, AR
July 2011-2015	Dean's Leadership Book Club
June 2011	Train the Trainer Conference: Oral Chemotherapy Adherence, Washington, D.C.

### **Awards and Honors**

#### National Level Awards and Honors



Award for Excellence in Experiential Education. AACP Experiential Education Section 2020-21

Lindsey Dayer and Jacob Painter, et al. Top 10 downloaded articles of 2020 in Journal of the American Pharmacists Association: Effect of cannabis on opioid use in patients with cancer receiving palliative care.

State Level Awards and Honors

AAHP Fall Seminar 1<sup>st</sup> Place Winner- Poster. Burlette, MA, Clement C, Painter JT, Peng C, Azhar G, Dragic L, Dayer L. The effect of concurrent use of opioids and gabapentin on fall risk in older adults. AAHP Fall Seminar, Virtual, September, 23, 2021.

AR-ACCP New Investigator Award, 2016

University of Arkansas College of Pharmacy Awards and Honors

Selected by The Rho Chi Society, Beta Iota Chapter into The Society as a faculty member, November 13, 2015

Phi Delta Chi Distinguished Alumnus, Beta Eta Chapter 2013-2014

APhA-ASP Overall Outstanding P3, 2008

University of the Ozarks Awards and Honors

Hurie Award (selected by faculty and presented to one senior student per year), 2005

Other

Certificate of Outstanding Contribution in Reviewing, awarded March 2018; Elsevier (Currents in Pharmacy Teaching and Learning)

**Community Service/Volunteer Activities**

-Peace Lutheran Church, children's activities (e.g. Sunday school, VBS) 2017-present

-Volunteer, Leukemia and Lymphoma Support Group, Arkansas Cancer Society, 2012-2014

-Resident Mentor, UAMS University Hospital Pharmacy Residency Program, 2011-2012, 2012-2013.

-Volunteer Pharmacist, Shepherds Hope Free Clinic, Little Rock Arkansas, Nov 2010-2012