

# Mark Garofoli, PharmD, MBA, BCGP, CPE, CTTS

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## OBJECTIVE

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To make an impact by educating healthcare professionals and the lay public alike on pharmacy practice, pain management, substance-use disorder (addiction), substances of abuse, drug diversion, geriatric care, managed care, medication therapy management, and pharmacy practice while leading efforts such as direct patient care, consulting, academic education, continuing education development and presenting, and professional organization involvement.

## EDUCATION

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- **Strayer University**, MBA with a Concentration in Management (2008)
- **University of Pittsburgh School of Pharmacy**, PharmD (2004)
- **University of Pittsburgh**, Undergraduate Studies
- **Mid Valley High School**, Class of 1998 Valedictorian

## PROFESSIONAL EXPERIENCE

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### Academia

#### **West Virginia University School of Pharmacy**

- *Clinical Associate Professor* (July 2024 - Present)
- *Clinical Assistant Professor* (May 2015 - June 2024)
- *Experiential Learning Program, Director* (May 2018 - Present)
- *Pharmacy Technician Program, Experiential Education Coordinator* (2021 - Present)
- *Advanced Pharmacy Practice Experiences (APPE), Preceptor* (2015 - 2018 & 2023 - Present)

**University of Maryland**, *Clinical Assistant Professor (Preceptor)* (2008 - 2009)

**University of Pittsburgh School of Pharmacy**, *Associate Clinical Preceptor* (2005 - 2009)

**Howard University**, *Clinical Preceptor* (2009)

**Howard County Community College**, *Pharmacy Career Pathway Mentor* (2008)

**Patapsco High School**, *Pharmacy Career Pathway Mentor* (2006 - 2009)

**All-State Tech Institute**, *Certified Pharmacy Technician Program Preceptor* (2006 - 2007)

### Clinical Pharmacy

#### **West Virginia University (WVU) Medicine**

- *WVU Medicine Pain Clinic, Clinical Pharmacist* (May 2018-Present)

#### **West Virginia University (WVU) School of Pharmacy**

- *Medication Therapy Management (MTM) Program, Manager & Clinical Pharmacist* (2015-2016)

#### **Humana Healthcare**

- *RxMentor MTM Program, Clinical Pharmacist* (2009-2015)

## PROFESSIONAL EXPERIENCE (CONTINUED)

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### Managed Care Pharmacy

#### **West Virginia University (WVU) School of Pharmacy**

- Safe & Effective Management of Pain Program (SEMPP), *Director* (2016-2018)
- West Virginia Expert Pain Management Panel, *Coordinator* (2015-2019), *Co-Chair* (2019-Present)
  - West Virginia Safe & Effective Management of Pain (SEMP) Guidelines

#### **Humana Healthcare**

- CMS Star Measure Program, *Clinical Pharmacist* (2009-2015)
- Prior Authorization Program, *HCPR Pharmacist* (2010)

### Community Pharmacy

**Health Right Pharmacy**, *Volunteer Pharmacist*, (2012-2015)

**CVS Pharmacy**, (2001-2011)

- *Regional Support Pharmacist* (2009-2011)
- *Emerging Leader Pharmacy District Supervisor* (2007)
- *Pharmacy Manager* (2004-2009)
- *Pharmacy Intern*, Pennsylvania & Maryland (2001-2004)

## LICENSES & CERTIFICATIONS

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- Certified Tobacco Treatment Specialist (CTTS), May 2021
- American Society of Pain Educators, Certified Pain Educator (CPE), September 2017
- Motivational Interviewing for the Healthcare Professional Training by Jan Kavookjian (15 Hours, 2017)
- Delivering Medication Therapy Management Services in the Community, APhA, Certified to Train, (2012)
- WVU Weapons of Mass Destruction Response Task Force, (2012)
- Board Certified Geriatric Pharmacist (BCGP), (2011-Present)
- Pharmacy-Based Immunization Delivery, American Pharmacists Association, (2010)
- West Virginia Licensed Pharmacist, License # RP0007633, (2011-Present)
- Maryland Licensed Pharmacist, License # 17163, (2004-Present)

## RESEARCH & GRANT WORK

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- **CDC Prescription Drug Overdose (PDO) Prevention for States (Pfs) Grant**, 2016-2018
- **CDC Prescription Drug Overdose (PDO) Boost Grant**, 2015-2016

## GRANT REVIEW

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- **Pitt CTSI PINCH (Pitt Innovation Challenge)**, Judge (2023)
- **Pitt CTSI Virginia Kaufman Pain Research Challenge**, Judge (2023)
- **CDC RFA-CE-22-011**, Understanding Polydrug Use Risk and Protective Factors, Patterns, and Trajectories to Prevent Drug Overdose (R01), 2022
- **CDC RFA-CE-18-006**, Primary or Secondary Prevention of Opioid Overdose (R01), 2018

## CONSULTING

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### **SureMed Compliance** (2023-Present)

- Advisory Panel, *Member* (Topic of Controlled Substance Concerns)

### **GLG Consultants** (2022-2023)

- International Consulting Organization, *Member*

### **Myers Brier Kelly Law Firm** (2021-2023)

- Community Pharmacy Controlled Substance Policy Review

### **Centers for Disease Control** (2020)

- 2022 CDC Opioid Guideline Update Development

### **HealthXL** (2017-2022)

- Advisory Panel, *Member* (Topic of Addiction)

### **American Journal of Managed Care** (2017)

- Multi-stakeholder Round Table Discussion on the Opioid Crisis

### **Pharmacist's Letter** (2017 & 2019)

- Controlled Substances in West Virginia: Best Practices in Prescribing and Preventing Diversion. Online Continuing Education Course. *Expert Consultant* for ACPE CE Course accreditation.

### **L.E.K. Consultants** (2017-2018)

- Pain Management in the Opioid Crisis Centered Interviews. *Expert Consultant*.

## EXPERT WITNESS

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### **WV Prosecuting Attorney's Office, Brooke County** (2022-2024)

- Criminal DUI of Substance(s), *Expert Witness*.

### **U.S. Department of Justice, U.S Attorney's Office, Consumer Protection Branch** (2019-Present)

- Criminal Community Pharmacy Diversion Litigation within the Opioid Crisis, *Expert Witness*.

### **U.S. Department of Justice, U.S Attorney's Office, Eastern District of Kentucky** (2019)

- Criminal Community Pharmacy Diversion Litigation within the Opioid Crisis, *Expert Witness*.

### **Flaherty, Sensabaugh, & Bonasso, PLLC** (2018)

- Civil Defamation Litigation within the Opioid Crisis, *Expert Witness*.

### **Williams & Connolly LLP** (2017-2020)

- Pharmacy Distributor Litigation within the Opioid Crisis. *Expert Witness*.

## TEDX TALK

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- "If Not Us, then Who?" West Virginia University TEDx Talk (September 2021)

## PODCASTING/RADIO

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### Pharmacy Podcast Network

- **PAIN POD**, Host, 2021-Present

Episode	Title
0	An Introduction with Dr. Mark Garofoli
1	Opioid Madness: Part 1
2	Opioid Madness: Part 2
3	The Pharmacist: Dan Schneider
4	COVID Keto Guido
5	PAINWeek 2021 Conference Summary
6	Pharmacy Law with Dr. David Brushwood
7	OTC Pain Medications with Dr. Laura Meyer-Junco
8	Poly Pharmacy with Dr. Eric Christianson
9	Dreamland & The Least of Us with Sam Quinones
10	Thug Drugs: Stimulants
11	2022 CDC Opioid Guideline Update
12	RxSummit 2022 Conference Summary
13	Morphine Milligram Equivalents
14	Academia Addiction Efforts
15	PAINWeek 2022 Conference Summary
16	Breaking News: CDC Opioid Guideline Publication
17	Urine Drug Monitoring
18	Buprenorphine: The Most Misunderstood Medication Ever
19	Unfit for Recovery: A Chat with Jake Nichols
20	Naloxone
21	Thug Drugs: Opioids
22	Geri Duty: A Review of the AGS Beers Criteria Update with DeLon Canterbury
23	Crack One Open: A Review of the AGS Beers Criteria 2023 Update
24	DEA Red Flags: Part 1, A Comprehensive Review
25	DEA Red Flags: Part 2, A Conversation with Dr. Jay K. Joshi
26	Thug Drugs: Cannabis & Cannabinoids
27	Cannabis in Pain Management: A Conversation with Dr. Kenneth Finn
28	National Opioid Settlement
29	Pain, Addiction, & Trauma with Helen Sairany
30	Flags, Fires, & Airports: A Chat with Ronald Chapman
31	Topical Pain Medications

- **TWIRx (This Week in Pharmacy)**
  - Pharmacy Schools Evolving with the Changing Roles of Pharmacists (August 2023)
- **Locked on Pharmacy**
  - Topical Pain Medications Parts 1 & 2 (March 2024 & May 2024)
  - APhA Annual Meeting Summary: Part 1 (April 2022)
  - Pain Management Episode (2018)
- **Audio Journal of Medicine & Therapeutics**, Founding Board Member (2021-Present)

### Pharmacy Times

- Pharmacy Focus: Technician Perceptions of Patient with OUD (August 2022)
- Pharmacy Tech Talk: Pharmacy Technicians and Opioids (March 2022)

### American Pharmacists Association

- Preceptor Podcast (Preceptor SIG, May 2024)

## **PODCASTING/RADIO (CONTINUED)**

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### **Drug Topics (Podcast)**

- Breaking the Pain Barrier in Men's Health (August 2024)

### **Daily Remedy (Podcast)**

- A conversation with Dr. Mark Garofoli about the Future of Marijuana (October 2022)
- A conversation with Dr. Mark Garofoli about Pain Management (Jan 2022)

### **NCODA (Podcast)**

- Positive Quality Intervention (PQI) Podcast (Jan 2022)

### **Edutainer (Podcast)**

- The New Normal: Continuing Pharmacist Education (April 2020)

### **WV MetroNews Talkline with Hoppy Kercheval (Live radio then podcast)**

- Illegal Rainbow Fentanyl & "One Pill Can Kill" (August 31<sup>st</sup>, 2022)

### **BeFM Morning Wave of Busan (South Korea live radio then podcast)**

- Hallucinogens & Psychedelics (March 9<sup>th</sup>, 2023)

## **POSTERS**

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OTC Analgesics Knowledge, or Lack Thereof. PAINWeek. (September 2022)

A Needle in a Haystack: OTC Analgesics in Our Opioid Crisis. PAINWeek. (September 2021)

Learner Perceptions of Early COVID-19 Impact on Advance Pharmacy Practice Experiences. American Association of Colleges of Pharmacy (AACP) Virtual Pharmacy Education Meeting (July 2021)

Development of a Mentoring Program from an Experiential Education Lens. American Association of Colleges of Pharmacy (AACP) Virtual Pharmacy Education Meeting (July 2021)

Pain Management at Ground Zero of the Opioid Pandemic. RxSummit. (April 2021)

Invincible Opioids?: A Review of Abuse Deterrent Formulation (ADF) Opioids. RxSummit. (April 2021)

Winning Urination Contest Strategies: A Review of Urine Drug Monitoring. RxSummit. (April 2021)

A National Survey of Staffing, Responsibilities, & Challenges Within Pharmacy Experiential Education Programs. American Association of Colleges of Pharmacy (AACP) Virtual Pharmacy Education Meeting (July 2020)

Using the continuing professional development model to implement a NAPLEX study plan during APPEs. American Association of Colleges of Pharmacy (AACP) Virtual Annual Pharmacy Education Meeting (July 2020)

WV Project ECHO Chronic Pain: Maximizing the Impact of Education & Training in the Opioid Crisis. International Conference on Opioids (ICOO) Virtual Annual Meeting (June 2020)

Interprofessional Training for Health Profession Students on Opioid Use Disorders. American Association of Colleges of Pharmacy (AACP) Annual Pharmacy Education Meeting (July 2019)

Impact of naloxone education for patients receiving buprenorphine- containing prescriptions at an independent community pharmacy. American Pharmacists Association (APhA) Annual Meeting (March 2019)

## **POSTER REVIEW**

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Contributed Papers (Posters) Reviewer. American Pharmacist's Association (APhA) Annual Meeting (2021-2023)

Trainee Poster Competition Judge. American Association of Colleges of Pharmacy (AACP) Virtual Pharmacy Education Meeting (July 2021)

## COMMITTEES

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### National

2024-2027	Board of Pharmacy Specialties Pain Management Pharmacy Specialty Council
2024	Board of Pharmacy Specialties Pain Management Job Analysis Panel
2024-Present	RxInsider 20Ways Editorial Board
2022-2025	APhA Preceptor SIG (3-Term Member)
2024-2025	APhA Preceptor SIG Education & Communications Committee
2022-2024	APhA Preceptor SIG Education Committee (2-Term Member)
2022-2025	APhA Pain, Palliative Care, and Addiction SIG (3-Term Member)
2022-2025	APhA Pain, Palliative Care, and Addiction SIG Education Committee (3-Term Co-Chair)
2022-2025	SPPCP (Society of Pain & Palliative Care Pharmacists) Education Committee (3-Term Member)
2022-2025	SPPCP Education Toolkit Sub-Committee (3-Term Member)
2022-2023	AACP Substance Use Disorder SIG (Member)
2022-2023	AACP Substance Use Disorder SIG Programming Committee (Member)
2018-2024	AACP Experiential Education Membership Committee (3-Term Member, Chair 2022-2023)

### Regional

2021-2023	Mid-Atlantic Experiential Education Consortium (MEC) Education Committee
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### West Virginia

2021-Present	WV Medication Assisted Treatment (MAT) Coalition
2020-Present	Health Experts Mitigating Marijuana Problems (HEMMP)
2020-Present	WV Stigma Reduction Workgroup
2018-Present	WV BoP Controlled Substance Monitoring Program (CSMP) Advisory Board (Member)

### West Virginia University

2022	Honors College Purpose and Vision Committee
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### WVU Health Sciences Center

2020-Present	Extension for Community Healthcare Outcomes (ECHO), Addiction (Expert HUB Member)
2018-Present	WVU Medicine Pain Management Committee (Member)
2016-2020	Extension for Community Healthcare Outcomes (ECHO), Chronic Pain (Expert HUB Member)
2015-2020	Substance Abuse Task Force (Member), Education & Training Committee (Chair)

### WVU School of Pharmacy

2023-2024	Self-Study Steering Committee (Member)
2023-2024	Self-Study APPE Committee (Co-Chair)
2022 & 2025	Faculty Evaluations, Clinical Department (Member)
2020-2021	Executive Council (Invited Member)
2020-Present	Academic & Professional Standards Committee (Member)
2020-Present	Academic & Professional Standards Ad Hoc Workgroup (Member)
2019	Strategic Planning Initiative (Project Manager)
2018	Strategic Planning External Relations Committee (Discussion Leader)
2015-Present	Experiential Learning Committee (Member 2015-Present, Chair 2018-2023, Co-Chair 2024-Present)

# TEACHING RESPONSIBILITIES

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## WEST VIRGINIA UNIVERSITY (WVU) HEALTH SCIENCES CENTER (HSC), 2016-Present

### WVU HSC INTERPROFESSIONAL EDUCATION

- Poverty Simulation (2023-Present)
- Project Mushroom Street Rounds (2023-Present)
- Resolving the Substance Abuse Enigma: Stop the Stigma (2018-2020)
- Naloxone Pharmacology, Administration, & WV Legislation (2018)

### WVU SCHOOL OF MEDICINE PAIN MANAGEMENT FELLOWSHIP

Lecturer of 6 Pharmacology Sessions (2020-Present)

- Opioid Pain Medications
- Non-Opioid Pain Medications
- Adjuvant Pain Medications
- Polypharmacy
- Urine Drug Monitoring
- Pain Management Guidelines & Legal Aspects

### WVU SCHOOL OF NURSING

- Substances of Abuse Lecture (2016-2020)

### WVU PHYSICIAN'S ASSISTANT PROGRAM

- Rural Health Substances of Abuse Lecture (2023)

### WVU SCHOOL OF PHARMACY

#### COURSE COORDINATOR

#### ADVANCED PHARMACY PRACTICE EXPERIENCES (APPE) COURSES, 2018-Present

PHAR 760	APPE Acute Care
PHAR 762	APPE Ambulatory Care
PHAR 761/763	APPE Acute/Ambulatory Care
PHAR 764/765	APPE Electives
PHAR 766	APPE Population or Systems-Based Care
PHAR 770	APPE Community
PHAR 772	APPE Health System

#### THIRD PROFESSIONAL YEAR

PHAR 793F	Substance Abuse Elective (2024-Present)
PHAR 840	Pharmacy Management (2019-Present)

#### GENERAL TEACHING

PHAR 703	Pharmacy Practice Experience 1, Lecturer (2024-Present)
PHAR 721	Advocacy & Leadership Elective Class, Facilitator (2018)
PHAR 743	Teaching to Learn: Learning to Teach, Lecturer (2018-Present)
PHAR 774	Current Topics in Pharmacy, Facilitator (2018-2020)
PHAR 820	Population Health, Lecturer and Advisor (2019-Present)
PHAR 793N	Entrepreneurship, Lecturer (2020-2021)
PHAR 810	Pharmacy Practice Management 2, Lecturer (2016-2024)
PHAR 811	Foundational Pharmacy Skills, Lecturer (2016-2020)
PHAR 822/832	Service-Learning Practice Experience, Lecturer (2016-2019)
PHAR 849	Ambulatory Care, Facilitator (2018-Present)
PHAR 858	Comprehensive Assessment of Practice, Developer/Evaluator (2018-Present)

## PUBLICATIONS

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**Garofoli MP.** “One Way to Save Lives”. *20 Ways*. Summer Hospital Edition 2024.

Adler J, Mallick-Searle T, **Garofoli M**, Zimmerman A. Frontline Perspectives on Buprenorphine for the Management of Chronic Pain. *J Multidiscip Healthc*. 2024 Mar 27; 17: 1375-1383.

**Garofoli MP.** “A Joint Effort: Cannabis Update for Pharmacists”. *Pharmacy Today Continuing Education (PTCE)*. 2023; 29(10).

**Garofoli MP,** “Polypharmacy in Pain Management: A Clinical Primer to Drug Interactions?”. *Practical Pain Management*. 2023; 23(5).

**Garofoli MP,** Hanif A, Sraj S, Kuhn S. “Perceptions of West Virginia Teens and Adults Regarding the Risks of Over-the-Counter Pain Medications”. *Journal of Pain and Palliative Care Pharmacotherapy*. 2023; 23(1).

**Garofoli MP,** “Prescribing and Dispensing Controlled Substances: When to Pump the Brakes”. *Practical Pain Management*. 2022; 22(6).

**Garofoli MP,** “Perspective: Geriatric Pain Management – What’s Left to Prescribe?”. *Practical Pain Management*. 2022; 22(1).

Hale M, **Garofoli MP,** Raffa R. Benefit-Risk Analysis of Buprenorphine for Pain Management. *Journal of Pain Research*. 24 May 2021 Volume 2021: 14 Pages 1359-1369.

**Garofoli MP,** “Abuse Deterrent Formulation Types and Goals”. *PAINWeek One Minute Clinician*. July 1<sup>st</sup>, 2020.

Klinker DM, Brownfield A, Thomas A, **Garofoli MP,** Beckers C, Jefferson CG, Joseph AS, Peppard S, Stultz K. An AACP Experiential Education Report: National Survey of Staffing, Responsibilities, and Challenges within Pharmacy Experiential Education (EE) Programs. *AACP Report*. July 2020.

**Garofoli MP,** “Editorial: From Just Say No, to Say Now and Say Know: Substances of abuse need to be part of clinical training and continuing education”. *Practical Pain Management*. 2020; 20(2):9-10.

Winstanley EL, Baugh GM, **Garofoli MP,** and Muzyk AJ, “Experiences and opinions of health professional students participating in an opioid use disorder educational event. *Mental Health Clinician*. 2020; 10(2): 49-54.

**Garofoli MP.** Adolescent Substance Abuse. *Prim Care Clin Office Pract* 47 (2020) 383–394.

Hines KL, Garofoli GM, **Garofoli MP,** Elswick BM, and Winstanley EL, “Impact of naloxone education for patients receiving buprenorphine-containing prescriptions indicated for opioid use disorder at an independent community pharmacy”. *Journal of the American Pharmacists Association*. (60) 2020: e205-e214.

**Garofoli MP,** “Spuds, Screenings, & Safety: From Chips to Opioids”. *PAINWeek Journal*. 2019; 7(2):10.

**Garofoli MP.** “CDC Guideline Op-Ed”. *PAINWeek Journal*. 2019; 7(2):5.

**Garofoli MP.** “PAINWeek Next Generation”. *PAINWeek Journal*. 2019; 7(1):3.

**Garofoli MP.** Ask the Expert: What Types of Risk Screening Tests are Available for Clinicians Prescribing Opioid Therapy? *Practical Pain Management*. 2018; 18(8):10-12.

**Garofoli MP,** et al. The West Virginia Safe & Effective Management of Pain (SEMP) Guidelines. Sept 2016.



## **PUBLICATIONS (CONTINUED)**

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**Garofoli MP**, "Tylenol Overdose." *On Being a Pharmacist: True Stories by Pharmacists*. Ed. Pangilinan J, et al. Washington, D.C.: American Pharmacists Association, 2010. 107-108.

## **PUBLISHED INTERVIEWS**

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Massaro L. Q&A: The Painful Truth About Men's Health. *Drug Topics*. Augusts 7, 2024.

Briand, Elizabeth. Use of Gabapentin in U.S. Showing No Sign of Slowing. *Pharmacy Today*. Vol 30. Issue 4. Page 16. April 2024.

Addressing Red Flags with Controlled Substance Issues. *U.S. Pharmacist*. April 5, 2024.

Massaro L. Pharmacists Should Take a Proactive Approach When addressing Controlled Substance Concerns. *Drug Topics*. March 24, 2024.

Massaro L. How Emotional Intelligence Helps Pharmacists Handle Controlled Substance Concerns. *Drug Topics*. March 23, 2024.

Overlapping Gabapentin and Opioid Prescriptions Have Been on the Rise. *Pharmacy Today*. 29(3): 18. March 2023.

Rooney J. "Raising Awareness to End an Epidemic". *AACP Academic Pharmacy NOW*. 2023 (1); 18-24.

"Rainbow Fentanyl" Pills Show Need for Substance Abuse Awareness. *The Herald-Dispatch*. Huntington, WV. September 6<sup>th</sup>, 2022.

What to Watch for When Patients Take Opioids with Other Medications. *Pharmacy Today*. 28(3): 19. March 2022.

WVU Researcher Finds Over-The-Counter Meds a "Needle in the Haystack", *Dominion Post* (March 7, 2022), *WVU Today* (March 1, 2022) and multiple other media outlets (March 2022).

Gallagher, Ashley. Expert Discusses Role Pharmacy Technicians Play in Opioid Management. *Pharmacy Times*. November 2, 2021.

Public Knowledge of OTC Pain Medication Safety Lacking. *Pain Medicine News*. December 8, 2021.

Drug Diversion & Opioid Stewardship Q&A. *20Ways*. Summer Hospital Issue. 2020.

Sublingual Sufentanil Approved Despite Controversy, Concerns. *Pharmacy Today*. 2019; 25(1):8.

Pharmacists Will Now Be Able to Help You Save Money on Prescriptions. *Healthline*. October 18<sup>th</sup>, 2018.

New Parents Need More Advice Than They Realize. *Pharmacy Today*. 2018; 24(10):33-34.

What Does it Take to Balance Career and Family? *Pharmacy Today*. 2018; 24(7):28.

Novel Prodrug Combination Agent for Short-Term Management of Acute Pain. *Pharmacy Today*. 2018; 24(4):22.

## **PUBLISHED INTERVIEWS (CONTINUED)**

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- Elsaid D, At the forefront of tackling Opioid Abuse in West Virginia. *WVU SoP Showglobe*. 2017; 16-17.
- Hall B. Patients in Recovery Need Pain Management, Too. *WV Board of Medicine Newsletter*. December 2017.
- McMurtrie B, One University Takes on the Opioid Crisis. *The Chronicle of Higher Education*. 2017; 64(6).
- DiChiacchio T, WVNA Endorses the Safe & Effective Management of Pain Guidelines. *WV Nurse*. 2017; 20(1):5.
- Hall BP, 2016 Appalachian Addiction & Prescription Drug Abuse Conference Report. *WV Medical Journal*. 2017.
- WV Expert Panel Releases Pain Guidelines. *Pharmacy Today*. 2016; 22(11):2-3.
- WV SEMP Guidelines: Safe & Effective Management of Pain. *WV Nurse*. 2016; 19(4):5.
- WVSMA Endorses WV SEMP Guidelines. *WV Medical Journal*. November 2016.
- Yap D, Pain Management and Opioid Abuse are part of every practice now: Shepard serves her community. *Pharmacy Today*. 2016; 22(6):40-43.
- Jacobs H. The state hardest hit by the opioid crisis thinks it has a solution. *Business Insider*, April 24, 2016.

## **PEER REVIEW**

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| 2024      | Innovations in Pharmacy, <i>Peer Reviewer</i>  |
| 2024      | Journal of Pharmacy Practice, <i>Peer Reviewer</i>   |
| 2023      | Substance Abuse: Research and Treatment, <i>Peer Reviewer</i>                              |
| 2021-2024 | International Journal of Mental Health & Addiction, <i>Peer Reviewer</i>                   |
| 2022      | Harm Reduction Journal, <i>Peer Reviewer</i>   |
| 2022      | Therapeutic Advances in Infectious Disease, <i>Peer Reviewer</i>                           |
| 2022      | Health Sciences Reports, <i>Peer Reviewer</i>  |
| 2021-2022 | Currents in Pharmacy Teaching and Learning, <i>Peer Reviewer</i>                           |
| 2020      | Journal of Substance Abuse Treatment, <i>Peer Reviewer</i>                                 |
| 2019-2021 | Journal of the American College of Clinical Pharmacy, <i>Peer Reviewer</i>                 |
| 2016-2019 | Pharmacy Today, <i>Editorial Advisory Board</i>  |
| 2008-2020 | Pharmacist's Letter, <i>Topic Selection Panel &amp; Article Editorial Review Committee</i> |

## PRESENTATIONS & CONTINUING EDUCATION

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2024-2027	“Cannabis: All the TECHNicalities”, PharmCon Online Pharmacy Technician Continuing Education Presentation (Repeat Presentations).
2024-2027	“A Dose of Disney Dispensing”, PharmCon Online Continuing Education Presentation (Repeat Presentations).
2024-2027	“Pharmacogenetics”, PharmCon Online Continuing Education Presentation (Repeat Presentations).
2024-2027	“Polypharmacy and Beyond”, AchieveCE Online Continuing Education Presentation (Repeat Presentations).
2024-2027	“Just One Puff: A Review of Smoking & Vaping Concerns”, PharmCon Online Continuing Education Presentation (Repeat Presentations).
<b>2024-2027</b>	<b>“Pain &amp; Addiction Certificate Program” Duquesne School of Pharmacy 10-Hour Online Continuing Education Certificate Training.</b>
<b>2024-2027</b>	<b>“Cannabis &amp; Cannabinoids” OnlineCE 4-Hour Online Continuing Education Certificate Training.</b>
2024	“Drug Diversion Prevention” OnlineCE Physical Therapist, Occupational Therapist, and Massage Therapist Online Continuing Education Presentation.
2024	“2022 CDC Opioid Guideline Update” OnlineCE Physical Therapist, Occupational Therapist, and Massage Therapist Online Continuing Education Presentation
2024	“NSAIDs” OnlineCE Physical Therapist, Occupational Therapist, and Massage Therapist Online Continuing Education Presentation.
2024	“Muscle Relaxants” OnlineCE Physical Therapist, Occupational Therapist, and Massage Therapist Online Continuing Education Presentation.
2024	“Topical Pain Medications” OnlineCE Physical Therapist, Occupational Therapist, and Massage Therapist Online Continuing Education Presentation.
November 2024	“Controlled Substance Red Flags: Or Perhaps Yellow Flags?”. ASCP Annual Meeting. Aurora, Colorado.
October 2024	“Addressing the Elephant in the Room: Preceptor, Resident, and Student Pharmacist Crucial Conversation Strategies”. ASHP National Pharmacy Preceptors Conference. Virtual.
September 2024	“Red Flags and Beyond”, U.S. Department of Defense (DoD) National Capital Region – Walter Reed Bethesda 8 <sup>th</sup> Annual Substance Use Disorder Symposium. Virtual.
September 2024	“CDC Opioid Guideline Update: What EVERYONE Needs to Know.” Cape Cod Symposium on Addictive Disorders. Cape Cod, MA.
September 2024	Never Again! Nephrolithiasis (Kidney Stone Pain Management). PAINWeek Continuing Education Conference 2024. Las Vegas, NV.

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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August 2024	“Higher Education: A Review of Cannabis and Cannabinoids”. WVU CTSI ECHO Program. Telecast throughout West Virginia.
July 2024	“Just Say Know 2024”. WVU CTSI ECHO Program. Telecast throughout West Virginia.
July 2024	“2022 CDC Opioid Guideline Update”. Kappa Psi Grand Council Convention (GCC). Cleveland, OH.
July 2024	“Career Roundtable (Academia)”. Kappa Psi Grand Council Convention (GCC). Cleveland, OH.
July 2024	“Medications for Opioid Use Disorder (MOUDs) & Stigma”. Cardinal Health Retail Business Conference (RBC). Chicago, IL.
May 2024	“Drug Diversion Prevention 2024”. WVU School of Pharmacy Webinar.
May 2024	“Higher Education: A Review of Cannabis and Cannabinoids”. BRAINWeek Continuing Education Conference. Scottsdale, AZ.
May 2024	“Let’s Get Psyched: A Review of Psychedelics”. BRAINWeek Continuing Education Conference. Scottsdale, AZ.
May 2024	“Let’s Take a Trip: Exploring Case Studies Using Psychedelics as a Treatment Option”. BRAINWeek Continuing Education Conference. Scottsdale, AZ.
May 2024	“Higher Education: A Review of Cannabis and Cannabinoids”. WVU Pain Conference. Morgantown, WV.
May 2024	“Cannabis”. WVU School of Pharmacy Webinar.
April 2024	“Drug Diversion Prevention 2024”. WVU School of Pharmacy Webinar.
March 2024	“Communicating through Controlled Substance Concerns”. APhA 2024 Meeting. Orlando, FL.
March 2024	PharmTalk: Intruder Alert! Who Put YOU in Charge? APhA 2024 Meeting. Orlando, FL.
March 2024	“Drug Diversion Prevention 2024”. OMCPA Spring Conference. Wheeling, WV.
March 2024	“2022 CDC Opioid Guideline Update”. Valley Health Systems Grand Rounds. Shenandoah, VA.
January 2024	“Generational Differences”. WVU School of Pharmacy Preceptor Virtual Open House.
2023-2025	“2022 CDC Opioid Guideline Update”, American Pharmacists Association (APhA). Online Pain Management Certificate Program (On Demand Presentations).
2023-2025	“Opioid Induced Constipation”, American Pharmacists Association (APhA). Online Pain Management Certificate Program (On Demand Presentations).
2023-2025	“Risk Mitigation”, American Pharmacists Association (APhA). Online Pain Management Certificate Program (On Demand Presentations).

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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2023-2025	<b>“Substances of Abuse Specialty Pharmacist (SASP)” PharmCon FreeCE Fifteen (15) Hour Online Continuing Education Certificate Training. (+ Repeat Live Online Module)</b>
2023-2025	<b>“Cannabis” PharmCon FreeCE Six (6) Hour Online Continuing Education Certificate Training. (+ Repeat Live Online Module)</b>
2023-2025	“Naloxone: OTC & Beyond”, PharmCon Online Continue Education Presentation (Repeat Presentations).
2023-2025	“Cheers! A Review of the New American Geriatrics Society Beers Criteria”, PharmCon Online Continue Education Presentation (Repeat Presentations).
2023-2025	“Carpe Diem: A Review of Seizure Medications”, AchieveCE Online Continue Education Presentation (Repeat Presentations).
2023-2025	“Geriatric Beers List Update”, AchieveCE Online Continue Education Presentation (Repeat Presentations).
2023-2025	“Preceptor Pointers”, AchieveCE Online Continue Education Presentation (Repeat Presentations).
2023-2025	“A Stimulating Review of Sleep Medications”, BRAINWeek Online Continue Education Presentation (Repeat Presentations).
2023-2025	“A Review of Seizure Medications”, BRAINWeek Online Continue Education Presentation (Repeat Presentations).
2023-2025	“Pain & Addiction Updates”, Duquesne School of Pharmacy Asynchronous Webinar.
December 2023	“A Review of Substances of Abuse”. ASHP Midyear Conference. Anaheim, CA.
December 2023	“Preceptors and Student Pharmacists Must Talk About Bruno! A Review of Crucial Conversation Strategies”. ASHP Midyear Conference. Anaheim, CA.
November 2023	“2023 Preceptor APPE Updates, Feedback, and Crucial Conversations”, WVU School of Pharmacy CE. Virtual Presentation.
October 2023	“2022 CDC Opioid Guideline Update”. National Association of Certified Pharmacy Technicians CPhT Live 2023. (Virtual).
October 2023	“Pharmacy Solutions for Opioid Use Disorder: MOUD and Stigma Reduction”. National Community Pharmacy Association (NCPA) Annual Meeting. Panel Presentation. Orlando, FL.
October 2023	“Medications for Addiction Treatment: Pharmacology, Misconceptions, and Myths”. Addressing the Opioid Epidemic: Collaborating Across the Continuum of Care Summit. Nevada Department of Health and Human Services. Las Vegas, NV.
October 2023	“Higher Education: A Review of Cannabis & Cannabinoids”. West Virginia Pharmacists Association (WVPA). Stonewall, WV.
October 2023	“Naloxone Training”. WVU Stalnaker Residence Hall. Morgantown, WV.

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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September 2023	“Champagne Vs. Sham Pain: DEA Red Flags”. PAINWeek Continuing Education Conference. Las Vegas, NV.
September 2023	“CDC Opioid Guideline Update: The Good, The Bad, and The Ugly”. PAINWeek Continuing Education Conference. Las Vegas, NV.
September 2023	“Poly (Want a) Pharmacy: A Review of Drug Interactions”. PAINWeek Continuing Education Conference. Las Vegas, NV.
September 2023	“Higher Education: A Review of Cannabis and Cannabinoids”. BRAINWeek Continuing Education Conference. Las Vegas, NV.
September 2023	“Preceptors Talkin’ About Bruno”. VAMC Clarksburg Continuing Education Live Webinar.
August 2023	“Naloxone Training”. Rosebaum Family House Staff. Morgantown, WV.
July 2023	“Just Say Know 2023: A Review of Substances of Abuse”. WVU CTSI ECHO Program. Telecast throughout West Virginia.
June 2023	“Drug Diversion Prevention 2023”. WVU School of Pharmacy CE. Virtual Presentation.
June 2023	“Drug Diversion Prevention 2023”. WVU Alumni Day. Morgantown, WV.
June 2023	“I’m Just a Bill: Cannabis & Opioid Related Regulation Changes”. AACP Live Webinar.
May 2023	“Drug Diversion Prevention 2023”. WVU School of Pharmacy CE. Virtual Presentation.
February 2023	“Urine Drug Monitoring”, American Pharmacists Association (APhA). Virtual Webinar.
February 2023	“Buprenorphine X-Waiver Elimination: MAT Act & MATE Act Updates”. WVU CTSI ECHO Program. Telecast throughout West Virginia.
February 2023	“Beyond the Classroom: Cannabis”, PharmCon FreeCE Online Continue Education Live Panel Presentation.
February 2023	“Buprenorphine Utilization in Pain Management”. WVU CTSI ECHO Program. Telecast throughout West Virginia.
2022-2024	“2022 CDC Opioid Guidelines Update”, PharmCon Online Continue Education Presentation (Repeat Presentations).
2022-2024	“Dreamland: A Review of Sleep Medications”, AchieveCE Online Continue Education Presentation (Repeat Presentations).
<b>2022-2025</b>	<b>“Opioid Certification” PharmCon FreeCE 9-Hour Online Continuing Education Certificate Training. (+ Repeat Live Online Module)</b>
<b>2022-2025</b>	<b>“Non-Opioids Certification” PharmCon FreeCE 8-Hour Online Continuing Education Certificate Training. (+ Repeat Live Online Module)</b>
<b>2022-2025</b>	<b>“General Pain Management Certification” PharmCon FreeCE 9-Hour Online Continuing Education Certificate Training. (+ Repeat Live Online Module)</b>

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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2022-2025	"West Virginia Diversion", PharmCon FreeCE Online 2-Hour Continuing Education Monograph.
2022-2025	"Pain Management", National Pharmacy Technician Association (NPTA). Online 2-Hour Continuing Education Monograph.
2022-2025	"More on Marijuana: A Review of Cannabis and Cannabinoids", PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
2022-2025	"Drug Madness: A Bracketology Review of Substances of Abuse", PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
2022-2025	"Morphine Milligram Equivalent (MMEs) Through the Eyes of the Masked Marvel Entertainer", PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
2022-2025	"Scratching the Surface: A Review of Rx/OTC Topical Pain Medications", PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
November 2022	"Beyond the Classroom: Men's Preventative Health", PharmCon FreeCE Online Continue Education Live Panel Presentation.
October 2022	"Buprenorphine Pharmacy TECHNicalities", PharmCon FreeCE Online Continue Education Presentation.
October 2022	"DEA Red Flags". National Association of Certified Pharmacy Technicians CPhT Live 2022. (Virtual).
October 2022	"Drug Diversion 2022". West Virginia Pharmacists Association (WVPA). 2-Hour Continuing Education Presentation. Stonewall, WV.
October 2022	"Crucial Conversations: A Guide for Preceptors". West Virginia Pharmacists Association (WVPA). Stonewall, WV.
September 2022	"Naloxone Training". Rosebaum Family House Staff. Morgantown, WV.
September 2022	"Hell's Kitchen: How We Address DEA Red Flags". PAINWeek Continuing Education Conference. Las Vegas, NV.
September 2022	"Secrets & Lies: The Truth About Buprenorphine" PAINWeek Continuing Education Presentation. Las Vegas, NV.
September 2022	"Scratching the Surface: A Review of Rx and OTC Topical Pain Medications". PAINWeek Continuing Education Conference. Las Vegas, NV.
September 2022	"Opioid Madness: A Bracketology of the Most Interesting Opioids". PAINWeek Continuing Education Conference. On-Demand Webinar.
August 2022	"Beyond the Classroom: Smoking and Tobacco Cessation", PharmCon FreeCE Online Continue Education Live Panel Presentation.
August 2022	"Urine Drug Monitoring". WVU CTSI ECHO Program. Telecast throughout West Virginia.

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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August 2022	“Hallucinogens, Stimulants, and Cannabis/Cannabinoids”. WVU CTSI ECHO Program. Telecast throughout West Virginia.
July 2022	“Addiction Pains & Gains in Experiential Education”. AACP Pharmacy Education Annual Meeting. Grapevine, Texas.
June 2022	“The Most Misunderstood Medication of the Century: Buprenorphine”. WVU CTSI ECHO Program. Telecast throughout West Virginia.
June 2022	“Drug Diversion 2022”, West Virginia University School of Pharmacy. 2-Hour Continuing Education Presentation. Virtual.
April 2022	Opioid Crisis Ground Zero Pain Management. RxSummit Conference. Atlanta, GA.
April 2022	“Precepting Crucial Conversations”, West Virginia Pharmacists Association (WVPA). Continuing Education Presentation. Stonewall Resort, WV.
April 2022	“Drug Diversion 2022”, West Virginia Pharmacists Association (WVPA). 2-Hour Continuing Education Presentation. Stonewall Resort, WV.
March 2022	Partial Opioid Agonists and Pain Management. APhA Annual Meeting Pain Institute. San Antonio, Texas
March 2022	PharmTalk: Pain, Addiction, & YOU. APhA Annual Meeting. San Antonio, Texas
March 2022	PharmTalk: Baby Steps to Adulting for New Practitioners. APhA Annual Meeting. San Antonio, Texas
March 2022	Drug Madness. WVU HSC Interprofessional Presentation. Morgantown, WV.
<b>2021-2024</b>	<b>“Opioid Advanced Education Certification” PAINWeek Twenty (20) Hour Continuing Education Certificate Training. (6 On-Demand Webinars &amp; Live Panel)</b>
<b>2021-2024</b>	<b>“Cannabinoid Advanced Education Certification” PAINWeek Twenty (20) Hour Continuing Education Certificate Training. (8 On-Demand Webinars &amp; Live Panel)</b>
2021-2024	“WVU School of Pharmacy Biennial Preceptor CE”. WVU School of Pharmacy Online Continue Education Presentation (On-Demand Video).
2021-2022	“Opioid Madness: A Bracketology Showdown of Common Prescription Opioids”, PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
2021-2022	“An Impartial Approach to Partial Agonism: A Buprenorphine Review”, PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
2021-2023	“He Said, She Said, Which NSAID?: A Review of NSAIDs”, PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
2021-2023	“Higher Education: A Review of Cannabis and Cannabinoids”, PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
2021-2023	“Beers List Update: A Geriatric Patient Care Review”. AchieveCE Online Continue Education Presentation (Repeat Presentations).



## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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2021-2023	"Cannabis Conundrums: Medical vs Marijuana". AchieveCE Online Continue Education Presentation (Repeat Presentations).
2021-2023	"Just Say Know: A Review of Illicit Substances". AchieveCE Online Continue Education Presentation (Repeat Presentations).
2021-2023	"Smoking Cessation: Everything Begins and Ends with Your Patient". AchieveCE Online Continue Education Presentation (Repeat Presentations).
2021-2023	"DEA Red Flags: Preventing Pharmacy White Flags & Pink Slips". AchieveCE Online Continue Education Presentation (Repeat Presentations).
2021-2023	"Poly (Want a) Pharmacy". AchieveCE Online Continue Education Presentation (Repeat Presentations).
2021-2023	"American Addiction 2021". AchieveCE Online Continue Education Presentation (Repeat Presentations).
December 2021	"A Review of Cannabinoids and the Endocannabinoid System" A4M World Congress: Cannabinoid Workshop. Las Vegas, NV.
November 2021	"Mirror, Mirror on the Wall: Who's the FDA's Fairest ADF of All?". PAINWeek Premiere Continuing Education Virtual Presentation.
April 2021	"PharmDiversion", West Virginia Pharmacists Association (WVPA). 2-Hour Continuing Education Presentation. Virtual.
October 2021	"Dispensing Opioids Safely & Compassionately". National Association of Certified Pharmacy Technicians CPhT Live 2021. (Virtual)
October 2021	"Just Say Know: A Review of Substances of Abuse". WVU CTSI ECHO Program. Telecast throughout West Virginia.
September 2021	"Hard 8: Fake Mu's! A Review of Atypical Opioid Medications". PAINWeek Continuing Education Conference. Las Vegas, NV.
September 2021	"Melt in Your Body, Not a Needle: A Review of ADF Opioids". PAINWeek Continuing Education Conference. Las Vegas, NV.
September 2021	"On Golden Pond: Geriatric Pain Management". PAINWeek Continuing Education Conference. Las Vegas, NV.
September 2021	"Asteroids, Bears, & Births: 7mm from Hell! Coping with a Kidney Stone" PAINWeek Continuing Education Presentation. Las Vegas, NV.
July 2021	"Testing the Waters: Urine Drug Screening for the Perplexed Among Us". PAINWeek Premiere Continuing Education Virtual Presentation.
June 2021	"Curriculum, Assessment, Feedback, Precepting, & Fun". WVU Medicine Ruby Memorial Hospital. Morgantown, WV.

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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May 2021	"Beyond the Classroom: Opioid Use Disorder", PharmCon FreeCE Online Continue Education Live Panel Presentation.
May 2021	"Appalachian Addiction, Pain, & Diversion", West Virginia University School of Pharmacy. 3 Hour Continuing Education Presentation. Virtual.
May 2021	"Mirror, Mirror on the Wall: Who's the FDA's Fairest ADF of All?". PAINWeek Premiere Continuing Education Virtual Presentation.
April 2021	"Appalachian Addiction, Pain, & Diversion", West Virginia University School of Pharmacy. 3 Hour Continuing Education Presentation. Virtual.
April 2021	"Testing the Waters: Urine Drug Screening for the Perplexed Among Us". PAINWeek Premiere Continuing Education Virtual Presentation.
March 2021	"Urine Drug Monitoring: A Review of Urine Drug Screening and Testing". WVU CTSI ECHO Program. Telecast throughout West Virginia.
March 2021	"Pain Solutions from the "Ground Zero" of the Opioid Crisis". APhA 2021 PharmTalk Presentation. Virtual.
<b>2020-2023</b>	<b>"Substances of Abuse Specialty Pharmacist (SASP)" PharmCon FreeCE Fifteen (15) Hour Online Continuing Education Certificate Training. (+ Repeat Live Online Module)</b>
2020-2023	"Kidney Stones: Asteroids, Bears, Births, & Broken Bones", PharmCon FreeCE Online 1.5 Hour Continuing Education Monograph.
2020-2023	"Florida Validation of Controlled Substances Prescriptions Continuing Education", PharmCon FreeCE Online 2 Hour Continuing Education Monograph.
2020-2022	"Pharmacy Precepting 101: Paving an Invisible Road", PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
2020-2022	"Geri Duty: Grandma vs. The Reindeer (Geriatric Pain Management Review)", PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
2020-2022	"Hope, Healthcare, & Heroin: A Review of Opioid Addiction and Medication Assisted Treatments", PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
November 2020	"American Addiction", West Coast University School of Pharmacy Academy of Student Pharmacists and California Pharmacists Association. Virtual Presentation.
November 2020	"Appalachian Addiction, Pain, & Diversion", West Virginia Pharmacists Association (WVPA) 3 Hour Continuing Education Presentation. Charleston, WV.
November 2020	"LinkedIn: Branding Yourself as a Professional", West Virginia University School of Pharmacy. American Pharmacists Association Academy of Student Pharmacists APhA-ASP and Industry Pharmacists Organization (IPhO). Morgantown, WV.
November 2020	"Mirror, Mirror on the Wall: Who's the FDA's Fairest ADF of All?". PAINWeek Premiere Continuing Education Virtual Presentation. (Twice in November 2020)

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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September 2020	“Atlas Shrugged: Fact vs Fiction Regarding ADF Opioids”. PAINWeek Virtual Continuing Education Conference.
September 2020	“Muscles Little Helper: Spasms vs Spasticity”. PAINWeek Virtual Continuing Education Conference.
September 2020	“Graceland: Geriatric Pain Management”. PAINWeek Virtual Continuing Education Conference.
August 2020	“Mirror, Mirror on the Wall: Who’s the FDA’s Fairest ADF of All?”. PAINWeek Premiere Continuing Education Virtual Presentation.
May 2020	“Mirror, Mirror on the Wall: Who’s the FDA’s Fairest ADF of All?”. PAINWeekEnd Continuing Education Virtual Presentation.
March 2020	“Crucial Conversations: A Review of Feedback and Evaluations for Experiential Learning Preceptors”. WVU Medicine Ruby Memorial Hospital. Morgantown, WV.
March 2020	“Urine Drug Monitoring: A Review of Urine Drug Screening and Testing”. WVU CTSI ECHO Program. Telecast throughout West Virginia.
March 2020	“Driving the Ambulance to the ER: Experiential Remediation”. APhA 2020 PharmTalk Presentation. Virtual.
March 2020	“American Addiction”. Kappa Psi Mountain East Province Continuing Education Presentation. Morgantown, WV.
February 2020	“Abuse-Deterrent Formulation (ADF) Opioid Medications”. WVU Medicine Center for Integrative Pain Management. Morgantown, WV.
<b>2019-2022</b>	<b>“Pain Management Specialty Pharmacist (PMSP)” PharmCon FreeCE Twenty-One (21) Hour Online Continuing Education Certificate Training. (+ Repeat Live Online Module)</b>
2019-2021	“Appalachian Diversion Aversion: Pain Management Pearls”, PharmCon FreeCE Online 3 Hour Continuing Education Monograph.
2019-2021	“Spasticity vs. Spasm: An Overview of Muscle Relaxants”. PharmCon FreeCE Online Continue Education Presentation (Repeat Presentations).
December 2019	“Cannabinoids”. WVU Medicine Center for Integrative Pain Management Continuing Education Presentation. Morgantown, WV.
November 2019	“Resolving the Substance Abuse Enigma: Stop the Stigma “Interprofessional Education Event including an Expert Panel Discussion, West Virginia University Health Sciences Center, Morgantown, WV
November 2019	“Thug Drugs”. PAINWeekEnd Continuing Education Presentation. Charleston, SC.
November 2019	“Pain Management at Ground Zero”. PAINWeekEnd Continuing Education Presentation. Charleston, SC.
October 2019	“Thug Drugs”. PAINWeekEnd Continuing Education Presentation. Richmond, VA.

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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October 2019	"Pain Management at Ground Zero". PAINWeekEnd Continuing Education Presentation. Richmond, VA.
October 2019	"American Addiction: A Review of Opioids and Methamphetamine". WVU School of Social Work RIBHIT Workshop Series. Morgantown, WV.
September 2019	"Mirror, Mirror on the Wall: Who's the FDA's Fairest ADF of All?". PAINWeek Continuing Education Presentation. Las Vegas, NV.
September 2019	"Testing the Waters: Urine Drug Screening for the Perplexed Among Us". PAINWeek Continuing Education Presentation. Las Vegas, NV.
September 2019	"Thug Drugs: Just Say Know". PAINWeek Continuing Education Presentation. Las Vegas, NV.
July 2019	"Just Say Know Your Audience: An Interprofessional Education Program Focused on the Stigma Associated with Substance Use Disorder". AACP Annual Pharmacy Education Conference. Chicago, IL.
June 2019	"GABA, GABA, GABA: A Review of Gabapentinoids". WVU Medicine Center for Integrative Pain Management Continuing Education Presentation. Morgantown, WV.
June 2019	"Thug Drugs". PAINWeekEnd Continuing Education Presentation. San Diego, CA.
June 2019	"Pain Management at Ground Zero". PAINWeekEnd Continuing Education Presentation. San Diego, CA.
June 2019	"Thug Drugs". PAINWeekEnd Continuing Education Presentation. Nashville, TN.
April 2019	"Muscle Relaxants". WVU Medicine Center for Integrative Pain Management Continuing Education Presentation. Morgantown, WV.
April 2019	"Resolving the Substance Abuse Enigma: Stop the Stigma "Interprofessional Education Event including an Expert Panel Discussion, West Virginia University Health Sciences Center, Morgantown, WV
April 2019	"More (Alphabet) Soup for You: Entrustable Professional Activities (EPAs). West Virginia University School of Pharmacy Preceptor Live CE Event. Ruby Memorial Hospital Preceptor Development Certificate Training. Morgantown, WV.
March 2019	"Pain Management at Ground Zero". PAINWeekEnd Continuing Education Presentation. Scottsdale, AZ.
March 2019	"Thug Drugs". PAINWeekEnd Continuing Education Presentation. Scottsdale, AZ.
December 2018	"Adjuvant Antidepressant Pharmacological Pain Management Treatments". WVU Medicine Center for Integrative Pain Management Continuing Education Presentation. Morgantown, WV.
December 2018	"Pain Management at Ground Zero". PAINWeekEnd Continuing Education Presentation. Detroit, MI.
December 2018	"Thug Drugs". PAINWeekEnd Continuing Education Presentation. Detroit, MI.

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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October 2018	"More (Alphabet) Soup for You: Entrustable Professional Activities (EPAs). West Virginia University School of Pharmacy Preceptor Live CE Event. Morgantown, WV.
October 2018	"High Street Education: Medical Marijuana". WVU Health Sciences Center (HSC) Institute for Community and Rural Health. Morgantown, WV.
October 2018	"Effective Feedback". West Virginia University (WVU) Medicine Ruby Memorial Hospital Preceptor Development Certificate. Morgantown, WV.
October 2018	"Pain Management at Ground Zero". PAINWeekEnd Continuing Education Presentation. New Orleans, LA.
October 2018	"Thug Drugs". PAINWeekEnd Continuing Education Presentation. New Orleans, LA.
September 2018	"Mistaken Identity of Spasticity vs. Spasm: An Overview of Muscle Relaxants". PAINWeek Continuing Education Presentation. Las Vegas, NV.
September 2018	"Pain Management at Ground Zero". PAINWeek Continuing Education Presentation. Las Vegas, NV. (Two Presentations)
September 2018	"Thug Drugs". PAINWeek Continuing Education Presentation. Las Vegas, NV.
August 2018	"Experiential Learning Preceptor Fundamentals". West Virginia University (WVU) Medicine Ruby Memorial Hospital Preceptor Development Certificate. Morgantown, WV.
August 2018	"More (Alphabet) Soup for You: Entrustable Professional Activities (EPAs). West Virginia Pharmacists Association (WVPA) Meeting. Charleston, WV
April 2018	"WV Drug Abuse, Diversion, & Pain Management", WV Society of Health System Pharmacists (WVSHS) 3 Hour Continuing Education Presentation. Charleston, WV
April 2018	"Resolving the Substance Abuse Enigma: Stop the Stigma" A Two-Part Interprofessional Education Event including an Expert Panel Discussion, West Virginia University Health Sciences Center, Morgantown, WV
March 2018	"Think Tank: How to Communicate Pain Management Best Practices for Prescribing". CDC Prevention for States (PFS) Grant National Webinar.
February 2018	"WV Safe & Effective Management of Pain (SEMP) Guidelines & The Safe & Effective Management of Pain Program (SEMPP)". WVU Medicine Prescribing Policy Summit. Morgantown, WV.
2017-2019	"American Addiction: The Opioid Epidemic". PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
2017-2019	"A Pharmacist's Dozen: The Most Influential Medications of All Time". PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
November 2017	"Maximizing the Use of Pain Guidelines: Focusing on Prescription Drug Monitoring Programs (PDMPs) and Insurer Practices." CDC Prevention for States (PFS) Grant National Webinar.

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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October 2017	"Medical Marijuana Higher Education". WVU Medicine, Department of Psychiatry, Grand Rounds. Morgantown, WV.
July 2017	"West Virginia Pain Management Initiatives: WV Safe & Effective Management of Pain (SEMP) Guidelines & The Safe & Effective Management of Pain Program (SEMPP)". CDC Prevention for States (Pfs) Grant Meeting. Charleston, WV
June 2017	"Academic Detailer Training in Pain Management, Substance-Use Disorder, & Opioid Overdose Prevention", CDC Prevention for States (Pfs) Grant. Morgantown, WV.
June 2017	"Delivering Medication Therapy Management Services in the Community", American Pharmacists Association, WVU School of Pharmacy Sponsored Program, Certificate Training Presenter. Morgantown, WV.
2017-2019	"Drug Diversion, Abuse, & Pain Management", PharmCon FreeCE Online Continuing Education Monograph. National & West Virginia Specific Versions.
May 2017	"West Virginia Pain Management Initiatives: WV Safe & Effective Management of Pain (SEMP) Guidelines & The Safe & Effective Management of Pain Program (SEMPP)". CDC Prevention for States (Pfs) Grant Meeting. Atlanta, Georgia.
April 2017	"Best Practices in Medication Safety & Pain Management", Garret County Maryland Pharmacist's Presentation, Drug Free Communities Coalition. Deep Creek, Maryland.
April 2017	"WV Drug Abuse, Diversion, & Pain Management", WV Society of Health System Pharmacists (WVSHP) 3 Hour Continuing Education Presentation. Charleston, WV
March 2017	"West Virginia Safe & Effective Management of Pain (SEMP) Guidelines". West Virginia State Medical Association (WVSMA) Physicians Practice Conference Exhibit Hall Booth. Charleston, WV.
March 2017	"West Virginia Safe & Effective Management of Pain (SEMP) Guidelines". West Virginia Department of Health & Human Resources (DHHR) Drug Utilization Review (DUR) Board Meeting, Charleston, WV.
2016-2018	"Family Pharmacy Interactions". PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
2016-2018	"Beers List 2015 Update". PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
2016-2018	"Pharmacy Diversity Day: Pharmacokinetic & Pharmacodynamic Differences Based on Gender, Age, & Ethnicity/Genetics". PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
2016-2018	"WV Drug Abuse, Diversion, & Pain Management", PharmCon FreeCE Online 3 Hour Continuing Education Monograph.
November 2016	"West Virginia Safe & Effective Management of Pain (SEMP) Guidelines". West Virginia Department of Health & Human Resources (DHHR) Drug Utilization Review (DUR) Board, Charleston, WV.

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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November 2016	"West Virginia Safe & Effective Management of Pain (SEMP) Guidelines". Family Medicine Foundation of West Virginia (FMFWV) Conference Exhibit Hall Booth. Huntington, WV.
October 2016	"WV Safe & Effective Management of Pain (SEMP) Guidelines". Appalachian Addiction & Prescription Drug Abuse Conference, Continuing Education, Charleston, WV.
October 2016	"WV Safe & Effective Management of Pain (SEMP) Guidelines & Naloxone West Virginia Legislation". Ohio Marshall County Pharmacists Association Continuing Education Presentation, Wheeling, WV.
October 2016	"The Opioid Storm". West Virginia Pharmacists Association Annual Conference, Continuing Education, Charleston, WV.
October 2016	"WV Safe & Effective Management of Pain (SEMP) Guidelines". West Virginia Pharmacists Association (WVPA) Annual Conference Presentation, Charleston, WV.
August 2016	"International Overdose Awareness Day" Community Panel Discussion, West Virginia University Community Event, Morgantown, WV.
June 2016	"The Opioid Storm". West Virginia University Continuing Education. Flatwoods, WV.
May 2016	"WV Expert Pain Management Panel". West Virginia Department of Health & Human Resources (DHHR) Drug Utilization Review (DUR) Board, Charleston, WV.
March 2016	"Naloxone". West Virginia University School of Pharmacy, NCPA Presentation. Morgantown, WV.
March 2016	"Oxyana" Showing & Panel Discussion, West Virginia University Community Event, Morgantown, WV.
December 2015	"Naloxone Administration". West Virginia University School of Pharmacy, APhA/ASP GenerationRx Presentation. Morgantown, WV.
2015-2017	"When the Stars Align and Your Patient is In Synch: Adherence Rises", PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
2014-2016	"No Pill Left Behind", PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
2014-2016	"Brave New World of Medication Adherence & Compliance Technology", PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
2014-2016	"Geriatrics (in) Jeopardy", PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
2013-2015	"Paying the Bills Without Pills: Medication Therapy Management", PharmCon FreeCE Online Continuing Education Presentation (Repeated Presentations).
October 2013	"Medication Therapy Management (MTM)", Southern Appalachian Pharmacist's Association, Continuing Education Presentation. Pipestem, WV.

## PRESENTATIONS & CONTINUING EDUCATION (CONTINUED)

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October 2013	“Pharmacy Technician Medication Therapy Management (MTM) Roles”, Southern Appalachian Pharmacist’s Association, Continuing Education. Pipestem, WV.
December 2011	“Clinical Therapy Update”, Humana RxMentor Program Live Online Presentation.
2008-2009	“Diabetes Healthy Habits”, CVS Pharmacy, Community Outreach Program Presentations, Baltimore, MD.
April 2008	“Patient Care Initiative: Medication Therapy Management at CVS Pharmacy”, CVS Team Meeting, Baltimore, MD.
March 2008	“Pharmacy Physical Inventory Preparation”, CVS Pharmacy Managers Meeting, Baltimore, MD.
June 2007	“Pharmacy Service Initiative within CVS Pharmacy”, CVS Pharmacy Managers Meeting, Baltimore, MD.
March 2006	“Medicare Part D for the Elderly” CVS Outreach Program to Senior Citizen Homes, Baltimore, MD.
February 2006	“Employee Training and Driving Your Pharmacy Team”, CVS Pharmacy Managers Meeting, Baltimore, MD.
May 2005	“Leadership within our Profession and within CVS Pharmacy” CVS Regional Pharmacy Graduate Intern Meeting. Virginia.

## HONORS & AWARDS

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2024	#2 Best International Clinical Pharmacy Podcast ( <a href="https://podcasts.feedspot.com/clinical_pharmacy_podcasts/">https://podcasts.feedspot.com/clinical_pharmacy_podcasts/</a> )
2022	50 Most Influential Leaders in Pharmacy (#21, <a href="https://pharmacypodcast.com/2023/01/09/50-most-influential-leaders-in-pharmacy-awards-2023/">https://pharmacypodcast.com/2023/01/09/50-most-influential-leaders-in-pharmacy-awards-2023/</a> )
2021	50 Most Influential Leaders in Pharmacy (#39, <a href="https://pharmacypodcast.com/2021/11/15/awards-2021/">https://pharmacypodcast.com/2021/11/15/awards-2021/</a> )
2020	National Continuing Education (CE) Program of the Year (Online Pharmacology)
2020	WVU Value Coin Recipient
2020	WVU Health Sciences Center (HSC) Teaching Scholars Program (2018-2020)
2019	WVU School of Pharmacy Alumni Association Service Award
2019	WVU School of Pharmacy Honorary Alumnus
2018	WVPA GenerationRx Champion Award
2018	WVU Health Sciences Center Vice President’s Team Achievement Award
2017	WVU Advanced Pharmacy Practice Experiences (APPE) Preceptor Spotlight
2014	Humana Healthcare 5 Years of Service Recognition
2013	Humana Healthcare “Star Award”
2012	Knights of Columbus May “Knight of the Month”
2011	Humana Healthcare Perfect Service Recognition
2011	CVS Pharmacy 10 Years of Service Recognition
2006	CVS Regional Paragon Award, Region 21
2005	CVS District Paragon Award, District 21-08



## PROFESSIONAL LEADERSHIP EXPERIENCE

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### AACP Experiential Education Section Membership Committee

- Chair (2022-2023)

### APhA Pain, Palliative Care, and Addiction SIG

- Education Committee Co-Chair (2022-2024)

### Mid-Atlantic Experiential Education Consortium

- President (2021-2022)
- President-Elect (2020-2021)

### WVU School of Pharmacy

- Mountaineer Leadership Academy “Emerging Supervisor Institute” (2016)

### CDC Prescription Drug Overdose (PDO) Prevention for States (PFS) Grant

- Best Practices in Pain Management Community of Practice (CoP), Co-Chair (2017-2018)

### University of Pittsburgh School of Pharmacy Alumni Executive Board

- Chairman of the Board (2017-2018)
- President (2016-2017)
- Vice President (2015-2016)
- Secretary (2014-2015)
- Member-at-Large (2012-2014)

### University of Pittsburgh Alumni Society

- Board of Directors, School, Campus, & Regional Committee (2015-2019)

### Humana Healthcare

- RxMentor Lead Pharmacist, Focus Group (2015)
- RxMentor Communications & Publicity Committee, *Chair* (2015)
- RxMentor Summit Planning Committee, *Chair* (2010 & 2015)

### Kappa Psi Pharmaceutical Fraternity

- WVU Beta Eta Chapter, Grand Council Deputy GCD (2019-2022)

### St. Francis de Sales Parish (Morgantown, WV)

- Finance Council (*Chair, 2020-Present*)

## COMMUNITY SERVICE

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2023-Present	Morgantown Pony League Coach Pitch Baseball Assistant Coach
2022-Present	American Red Cross Power Red Blood Donor
2022	Wes Mon Tee Ball Assistant Coach
2021	St. Francis de Sales Knights of Columbus, Substance Abuse Poster Competition Lead
2018-Present	West Virginia Middle & High School Addiction & Substances of Abuse Education
2018	St. Francis de Sales Knights of Columbus Scholarship Spaghetti Dinner
2017	St. Francis de Sales Parish, Catholic Sharing Appeal Speaker
2016-Present	St. Francis de Sales Parish, Finance Council ( <i>Chair, 2020-Present</i> )
2015-2024	WV Monongalia County Prevention Coalition
2015	WV Kanawha County OTC Naloxone Task Force

## MEMBERSHIPS

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2023-Present	Rho Chi Pharmacy Honor's Society
2022-Present	Society of Pain & Palliative Care Pharmacists (SPPCP)
2022-Present	American Society of Health System Pharmacists (ASHP)
2019-2022	International Association for the Study of Pain (IASP)
2019-Present	West Virginia University School of Pharmacy Alumni Association (Honorary Member)
2016-Present	American Society of Pain Educators (ASPE)
2011-Present	West Virginia Pharmacist's Association (WVPA)
2015-Present	American Association of Colleges of Pharmacy (AACP)
2015-Present	American Academy of Pain Management (AAPM)
2015-2016	Academy of Managed Care Pharmacy (AMCP)
2007-Present	American Pharmacists' Association (APhA), Pain, Palliative Care, & Addiction SIG
2012-Present	American Society of Consultant Pharmacists (ASCP)
2005-Lifetime	University of Pittsburgh Alumni Association
2001-Lifetime	Phi Lambda Sigma Pharmacy Leadership Society (PLS)
2000-Lifetime	Kappa Psi Pharmaceutical Fraternity Inc. (KΨ)

## PROFESSIONAL CONFERENCES

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2024	ASCP Annual Meeting (Aurora, Colorado)
2024	ASHP National Pharmacy Preceptors Conference (Virtual)
2024	Cape Code Symposium on Addictive Disorders (Cape Cod, MA)
2024	PAINWeek 2024 (Las Vegas, NV)
2024	U.S. Dept. of Defense, National Capital Pain Region Pain Initiative Annual Substance Use Disorder Symposium (Virtual)
2024	Kappa Psi Grand Council Convention (GCC, Cleveland, OH)
2024	Cardinal Health Retail Business Conference (Chicago, IL)
2024	WVU Pain Conference (Morgantown, WV)
2024	BRAINWeek 2024 (Scottsdale, AZ)
2024	APhA Annual Convention (Orlando, FL)
2024	OMCPA Spring Conference (Wheeling, WV)
2023	ASHP Midyear 2023 (Anaheim, CA)
2023	Nevada HHS Opioid Summit (Las Vegas, NV)
2023	NCPA Annual Conference (Orlando, FL)
2023	WVPA Annual Conference (Stonewall, WV)
2023	PAINWeek 2023 (Las Vegas, NV)
2023	BRAINWeek 2023 (Las Vegas, NV)
2022	ASHP Midyear 2022 (Las Vegas, NV)

## PROFESSIONAL CONFERENCES (CONTINUED)

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2022	CORE Technology RxPreceptor Conference (Providence, RI)
2022	WVPA Fall 2022 (Stonewall, WV)
2022	PAINWeek 2022 (Las Vegas, NV)
2022	AACP Annual Pharmacy Education Conference (Grapevine, TX)
2022	RxSummit (Atlanta, GA)
2022	APhA Annual Convention (San Antonio, TX)
2022	WVPA Spring 2022 (Charleston, WV)
2021	A4M World Congress (Las Vegas, NV)
2021	WVU Academic Innovation Summit (Morgantown, WV)
2021	NPTA CPhT Live 2021 (Virtual)
2021	WVPA 2021 (Virtual)
2021	PAINWeek 2021 (Las Vegas, NV)
2021	AACP Annual Pharmacy Education Conference (Virtual)
2021	PAINWeek Premieres (Virtual)
2021	APhA Annual Convention (Virtual)
2021	RxSummit 2021 (Virtual)
2020	WVPA 2020 (Virtual)
2020	PAINWeek 2020 (Virtual)
2020	PAINWeek Premiers (Virtual)
2020	PAINWeekEnds (All Virtual)
2020	APhA Annual Convention (Virtual)
2019	PAINWeekEnd 2019 (Charleston, SC)
2019	WVU Medicine Pain Conference (Morgantown, WV)
2019	PAINWeekEnd 2019 (Richmond, VA)
2019	PAINWeek 2019 (Las Vegas, NV)
2019	AACP Annual Pharmacy Education Conference (Chicago, IL)
2019	PAINWeekEnd 2019 (San Diego, CA)
2019	PAINWeekEnd 2019 (Nashville, TN)
2019	National Prescription Drug Abuse & Heroin Summit (Atlanta, GA)
2019	PAINWeekEnd 2019 (Scottsdale, AZ)
2018	PAINWeekEnd 2018 (Detroit, MI)
2018	PAINWeekEnd 2018 (New Orleans, LA)
2018	CORE Technology RxPreceptor Conference (Providence, RI)
2018	PAINWeek 2018 (Las Vegas, NV)
2018	WVPA Convention (Charleston, WV)
2018	AACP Annual Pharmacy Education Conference (Boston, MA)
2018	AACP Spring Institute on Experiential Learning (Washington DC)
2018	WVSIPP Pain Care Conference (Charleston, WV)
2017	Appalachian Addiction & Prescription Drug Abuse Conference (Charleston, WV)

## **PROFESSIONAL CONFERENCES (CONTINUED)**

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2017	WV Academy of Family Practice Conference (Charleston, WV)
2017	WVSMA Physicians Practice Conference (Charleston, WV)
2016	Family Medicine Foundation of West Virginia Conference, (Huntington, WV)
2016	Appalachian Addiction & Prescription Drug Abuse Conference (Charleston, WV)
2016	WVPA Convention (Charleston, WV)
2016	PAINWeek 2016 (Las Vegas, NV)
2016	APhA Annual Convention (Baltimore, MD)
2015	AMCP Nexus (Orlando, FL)
2015	WVPA Convention (Roanoke, WV)
2015	Appalachian Addiction & Prescription Drug Abuse Conference (WV)
2015	American Academy of Pain Management Conference (Washington DC)
2015	PAINWeek 2015 (Las Vegas, NV)
2015	WV Addiction Training Institute (Morgantown, WV)
2015	APhA Institute on Alcoholism & Drug Dependencies (Utah)
2015	APhA Annual Convention (San Diego, CA)
2014	NCPA Convention (Austin, TX)
2013	Southern Appalachian Pharmacist's Association Meeting (Pipestem, WV)
2013	WVPA Convention (Roanoke, WV)
2012	KY Province II Spring Meeting (Morgantown, WV)
2011	WVPA Convention (Charleston, WV)
2010	WVPA Convention (Roanoke, WV)
2009	KY Grand Council Convention (Tampa, FL)
2009	APhA Annual Convention (San Antonio, TX)
2008	APhA Annual Convention (San Diego, CA)
2008	KY Province II Spring Meeting (Wilkes-Barre, PA)
2007	KY Province II Fall Meeting (Pittsburgh, PA)
2007	KY Grand Council Convention (Boston, MA)
2006	CVS National Annual Convention (Orlando, FL)

## **REFERENCES (AVAILABLE UPON REQUEST)**

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