

Kashelle Lockman, Pharm.D., M.A.

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Professional Work Experience

Clinical Assistant Professor Department of Internal Medicine University of Iowa Carver College of Medicine	12/2016 – present
Clinical Assistant Professor, Hospice and Palliative Care Department of Pharmacy Practice and Science University of Iowa College of Pharmacy	7/2016 – present
Clinical Pharmacy Specialist, Palliative Care University of Iowa Hospitals and Clinics	7/2016 – present
ASHP Accredited Pharmacy Residency in Pain Management and Palliative Care University of Maryland School of Pharmacy Director: Mary Lynn McPherson, Pharm.D., M.A., BCPS CPE	7/2014 – 6/2016
Instructional Design Fellowship University of Maryland School of Pharmacy Director: Mary Lynn McPherson, Pharm.D., M.A., BCPS CPE	7/2014 – 6/2016
ASHP Accredited Pharmacy Practice Residency University of Maryland Medical Center, Baltimore, MD Director: Brian Grover, Pharm.D., BCPS	7/2013 – 6/2014
Clinical Pharmacist University of Maryland Medical Center, Baltimore, MD	12/2014 – 6/2016
Pharmacy Student & Certified Pharmacy Technician Target Pharmacy, Laurel, MD	4/2009 – 5/2013
Student Ambassador University of Maryland School of Pharmacy, Baltimore, MD	10/2011 – 6/2012
Pharmacy Student Tutor University of Maryland School of Pharmacy, Baltimore, MD	10/2011 – 3/2012
Biologist, GS-0401-11 Laboratory of Kidney Electrolyte Metabolism National Institutes of Health, NHLBI, Bethesda, MD	9/2008 – 9/2009
Lab Technician Laboratory of Kidney Electrolyte Metabolism Kelly Services at the NIH, NHLBI, Bethesda, MD	5/2007 – 8/2008
Research Specialist Department of Pathology & Laboratory Medicine University of North Carolina-Chapel Hill, Chapel Hill, NC	9/2005 – 4/2007
Research Technician III Department of Pathology & Laboratory Medicine University of North Carolina-Chapel Hill, Chapel Hill, NC	9/2002 – 8/2005

Graduate Student Molecular & Cellular Biology and Pathobiology Medical University of South Carolina, Charleston, SC	1/2001 – 8/2002
Research Specialist Department of Ophthalmology Medical University of South Carolina, Charleston, SC	2/1999 – 7/2000
Research Assistant Department of Ophthalmology Medical University of South Carolina, Charleston, SC	2/1996 – 2/1999
Summer Research Intern Department of Ophthalmology Medical University of South Carolina & South Carolina Governor's School for Science and Mathematics	6/1993 – 8/1993

Education

Degrees:

Master of Arts, Instructional Systems Development May 2016
University of Maryland Baltimore County, Baltimore, MD

Doctor of Pharmacy, *cum laude* May 2013
University of Maryland School of Pharmacy, Baltimore, MD
Geriatrics and Palliative Care Pathway

Bachelor of Science, Biology, *cum laude* December 1999
College of Charleston, Charleston, SC
Emphasis: Molecular Biology
Honors Program Graduate

Postgraduate Certificates:

Graduate Certificate in Instructional Technology May 2016
University of Maryland Baltimore County

Graduate Certificate in Instructional Systems Development August 2015
University of Maryland Baltimore County

Teaching Certificate June 2014
University of Maryland School of Pharmacy

Non-degree Coursework:

Medical University of South Carolina 2001 – 2002
80 credit hours in Doctor of Philosophy program in Molecular & Cellular Biology and Pathobiology

Licensures and Certifications

- Licensed Pharmacist, State of Iowa 8/2016 – 6/2020
License Number 22881
- Registered Pharmacist, State of Maryland 7/2013 – 11/2020
License Number 21597
- Pharmacy-based Immunization Delivery 3/2011 – present
American Pharmacists Association

- Advanced Cardiac Life Support
- Basic Life Support for Healthcare Providers

7/2013 – 7/2015
8/2009 – present

Teaching Experience

Clinical Assistant Professor, University of Iowa College of Pharmacy 7/2016 – present

Experiential Courses:

Preceptor:

University of Iowa PGY2 Residency Programs (Ambulatory Care, Palliative Care, Oncology) 9/2016 – present
Hospice of Southern Illinois PGY2 Pain Management & Palliative Care Residency Program 7/2016 – present
PHAR 9405 Advance Pharmacy Practice Experience, Palliative Care (15 students) 5/2017 – present
PHAR 8208 Introductory Pharmacy Practice Experience, Hospital (5 students) 5/2017 – present

Didactic courses:

Co-director and Faculty:

PHAR 8502 Advanced Pharmacopalliation of Pain 2/2018 – present
PHAR 8503 Advanced Pharmacopalliation of Non-pain Symptoms 2/2018 – present
University of Iowa Teaching & Learning Curriculum for Residents (32 residents per year) 8/2017 – present
PHAR 8797 Ethics & Spirituality in Healthcare 8/2017 – present
PHAR 8796 Continuing Professional Development in Palliative Care 5/2017 – present
PHAR 8795 Foundations of Palliative Care 1/2017 – present
ABRD 3445 Section 008 India Winterim: Pain, Palliative, & Hospice Care: Learning from Each Other 10/2016 – present

Facilitator:

Interprofessional Skills and Team-based Healthcare I, II, and III 9/2016 – present

Faculty:

PHAR 8377 Integrated Pharmacotherapy: Capstone 1/2018 – present
PHAR 8373 Integrated Pharmacotherapy: Renal, Fluid, and Electrolytes 10/2017 – present
PHAR 8255 Discovery: Design & Methods 8/2017 – present
PHAR 8251 Integrated Pharmacotherapy: Dermatology & Sensory 8/2017 – present
PHAR 8370 Integrated Pharmacotherapy: Respiratory & Allergy 8/2017 – present
University of Iowa PGY2 Pain Management & Palliative Care Residency 7/2017 – present
PHAR 8263 Integrated Pharmacotherapy: Infectious Disease 4/2017 – present
PHAR 8260 Integrated Pharmacotherapy: Cardiovascular 2/2017 – present
PHAR 8252 Integrated Pharmacotherapy: Musculoskeletal Disorders 9/2016 – present
PHAR 8250 Applications of Pharmacy Practice I 9/2016 – present
University of Iowa Hospitals and Clinics Hospice & Palliative Medicine Fellowship 7/2016 – present

Clinical Instructor, University of Maryland School of Pharmacy 7/2013 – 6/2016

Experiential Courses:

Co-preceptor/Mentor:

Palliative Care APPE (2 students) 11/1/2015 – 12/19/2015
Special Project: Educating Hospice Patients about Medications (1 student) 8/2015 – 6/2016
Pinnacle Project: Developing Flipped Materials for a Pain Module (3 students) 5/2015 – 5/2016
Longitudinal Ambulatory Care APPE (12 students) 7/2014 – 6/2016
Special Project: Opioid Monitoring Skills of Nurses (2 students) 7/2014 – 5/2015
Critical Care: Medical ICU APPE (2 students) 2/1/2014 – 2/28/2014

Acute Care Internal Medicine APPE (2 students)

9/1/2013 – 9/30/2013

Topic Discussion Facilitator:

Teaching Rotation (14 students)

1/2015-5/2016

Didactic courses:**Content Developer and Facilitator:**

Applied Science & Therapeutics 2: Pain Management	3 – 4/2016
Abilities Lab 1: Communicating with Prescribers	10/2015
Care of the Terminally Ill: Cardiorespiratory Symptoms	10/2015
Care of the Terminally Ill: Advanced Pain Management	9/2015
Self-Care and Nonprescription Pharmacotherapy: External Analgesics Cases	3/2015
Self-Care and Nonprescription Pharmacotherapy: Internal Analgesics Cases	3/2015
Care of the Terminally Ill: Cardiorespiratory Cases	10/2014
Care of the Terminally Ill: Advanced Pain Management	9/2014
Educational Theory and Practice: Web-based Instructional Tools	5/2014
Context of Healthcare: Home Health and Hospice Lecture	4/2014
Self-Care and Nonprescription Pharmacotherapy: External Analgesics Cases	3/2014
Self-Care and Nonprescription Pharmacotherapy: Internal Analgesics Cases	3/2014
University of Maryland Interprofessional Education Day:	2/2014
“We Want Everything Done for Mama: Withholding & withdrawing curative therapy at the end of life”	

Facilitator and Evaluator:

Pathophysiology, Pharmacology, and Therapeutics: Diabetes Cases	2/2015
Pathophysiology, Pharmacology, and Therapeutics: Anticoagulation Cases	10/2014
Abilities Lab 6: Medication Reconciliation	3/2014
Pathophysiology, Pharmacology, and Therapeutics: Pain Cases	2/2014
Pathophysiology, Pharmacology, and Therapeutics: Oncology Cases	11/2013

Facilitator:

Care of the Terminally Ill: Palliative Care Jeopardy	11/2015
Care of the Terminally Ill: Palliative Care Jeopardy	11/2014
Care of the Terminally Ill: How to Die in Oregon	11/2014

Chapters

Lockman K, Thomas D, and Hill LH. Adult learning theories in pharmacy education. In: Thomas D. Clinical Pharmacy Education, Practice, and Research. Elsevier, Cambridge, Massachusetts. November 2018.

McPherson ML and **Lockman K**. Frequent pharmacological interactions in palliative care. In: Yennurajalingam S, Bruera E. Oxford American Handbook of Hospice and Palliative Medicine, second edition. Oxford University Press, New York. April 2016.

Peer-reviewed Publications*note - previous name: Kashelle Lockman Othersen*

McPherson ML, Walker KA, Davis MP, Bruera E, Reddy A, Paice J, Malotte K, **Lockman DK**, Wellman C, Salpeter S, Bembem NM, Ray JB, Lapointe BJ, and Chou R. Safe and effective use of methadone in hospice and palliative care: expert consensus white paper. Journal of Pain and Symptom Management. 2019; 57(3): 635-645.

Uritsky TJ, Atayee RS, Herndon CM, **Lockman K**, McPherson ML, Jones CA. Ten tips palliative care pharmacists want the palliative care team to know when caring for patients. Journal of Palliative Medicine. 2018; 21(7):1017-23.

- Atayee RS, **Lockman K**, Brock C, Abazia DT, Brooks TL, Pawasauskas J, Edmonds KP, Herndon CM. Multicentered study evaluating pharmacy students' perception of palliative care and clinical reasoning using script concordance testing. *American Journal of Hospice and Palliative Medicine*. 2018; 35(11): 1394-1401.
- Sunilkumar MM and **Lockman K**. Practical pharmacology of methadone: A long-acting opioid. *Indian Journal of Palliative Care*. 2018; 24(5):10-14.
- Lockman K**, Haines ST, McPherson ML. Improved learning outcomes after flipping a therapeutics module: results of a controlled trial. *Academic Medicine*. 2017; 92(12):1786-1793.
- Cimino NM, **Lockman K**, Grant M, McPherson ML. Knowledge, skills and attitudes in caring for older adults with advanced illness among staff members of long-term care and assisted living facilities: An educational needs assessment. *American Journal of Hospice and Palliative Medicine*. 2016; 33(4):327-34.
- Lockman K**, Taylor JM, Mack CP. The histone demethylase, *Jmjd1a*, interacts with the myocardin factors to regulate SMC differentiation marker gene expression. *Circulation Research*. 2007; 101(12):e115-23.
- Hinson JS, Medlin MD, **Lockman K**, Taylor JM, Mack CP. Smooth muscle cell-specific transcription is regulated by nuclear localization of the myocardin-related transcription factors. *American Journal of Physiology Heart and Circulatory Physiology*. 2007; 292(2):H1170-80.
- Lockman K**, Hinson JS, Medlin MD, Morris D, Taylor JM, Mack CP. Sphingosine 1-phosphate stimulates smooth muscle cell differentiation and proliferation by activating separate serum response factor co-factors. *Journal of Biological Chemistry*. 2004; 279(41):42422-30.
- Ma J, Znoiko S, **Othersen KL**, Ryan JC, Das J, Isayama T, Kono M, Oprian DD, Corson DW, Cornwall MC, Cameron DA, Harosi FI, Makino CL, Crouch RK. A visual pigment expressed in both rod and cone photoreceptors. *Neuron*. 2001; 32:451-461.
- Ma J-x, Zhang J, **Othersen KL**, Moiseyev G, Ablonczy Z, Redmond TM, Chen Y, Crouch RK. Expression, purification, and MALDI analysis of RPE65. *Investigative Ophthalmology and Visual Science*. 2001; 42:1429-35.
- Ma J-x, Xu L, **Othersen DK**, Redmond TM, Crouch RK. Cloning and localization of RPE65 mRNA in salamander cone photoreceptor cells. *Biochimica et Biophysica Acta*. 1998; 91207:1-7.
- Xu L, Hazard ES, **Lockman DK**, Crouch RK, Ma J-x. Molecular cloning of the salamander red and blue cone visual pigments. *Molecular Vision*. 1998; 4:10.

Miscellaneous Publications

mentored trainees are underlined

- Fisher L, Ray JB, **Lockman K**. What's the risk? Naloxone co-prescribing in an outpatient palliative care clinic. (FR440C). *Journal of Pain and Symptom Management*. 2019; 57(2):419.
- Lockman K**, Broderick A, Geiger-Hayes J, Urtsky T, von Gunten C. Going from casual dating to a long-term commitment: Adding a pharmacist to your team (TH363). *Journal of Pain and Symptom Management*. 2018; 55(2):585.
- Lockman K**, Patel P, Broglio K, Kullgren J, Calton B. The opioid crisis and palliative care: tools and strategies to help turn the tide (P12). *Journal of Pain and Symptom Management*. 2018; 55(2):552-3.
- Patel P, **Lockman K**, Broglio K, Calton B, Kullgren J. Hitting the sweet spot: practical tips for navigating the opioid crisis in outpatient palliative care (FR405). *Journal of Pain and Symptom Management*. 2018; 55(2):596.
- Lockman K**. Sacubitril/valsartan in advanced heart failure [weblog post]. ATRIUM Cardiology Collaborative, Eds. Brent Reed & Kristin Watson; 2016; July 28. Available at <http://blogs.pharmacy.umaryland.edu/atrium/2016/07/28/sacubitrilvalsartan-in-advanced-heart-failure/>

Cimino NM, **Lockman K**, McPherson ML. Practical guide to safe use of methadone. *Practical Pain Management* 2015;15(2):42-49.

Lockman K. Podcasts: don't you forget about me [weblog post]. *Educational Theory and Practice*, Ed. Stuart Haines; 2014; July 17. Available at <http://edtheory.blogspot.com/2014/07/podcasts-dont-you-forget-about-me.html>

Isley E and **Lockman K**. The importance of medication reconciliation. *University of Maryland Medical Center News and Views*. Spring 2014; 9

Lockman K, Cimino NM, McPherson ML. Practical guide to safe use of nonprescription pain medications. *Practical Pain Management* 2014;14(3):32-43.

Lockman K. Diabetes mellitus: type matters. *Lambda Kappa Sigma Blue & Gold Triangle Newsletter*; April 2013.

McPherson ML and **Lockman DK**. Educating patients about pain medications. *Practical Pain Management*; 2013;13(2):20-25.

Podium Presentations

Fisher L, Ray JB, **Lockman K**. What's the risk? Naloxone co-prescribing in an outpatient palliative care clinic. American Academy of Hospice & Palliative Medicine Annual Assembly 2019. Orlando, Florida.

Lockman DK, Pajoumand M, Peterman C, Amoroso A. Characterization of bronchoalveolar lavage cultures and post-transplant pneumonia in lung transplant recipients. Eastern States Residency Conference 2014. Hershey, Pennsylvania.

Poster Presentations

mentored trainees are underlined

Khachikian TT, Dunleavy AR, Patel MD, Cobert CA, **Lockman K**. Characterizing benzodiazepine prescribing in ambulatory palliative care patients living with cancer. 6th Annual Quality and Safety Symposium, University of Iowa Hospitals and Clinics, Iowa City, Iowa, November 2018.

Faley B, Jacks J, Brownlee M, Lueth J, **Lockman K**. A single center evaluation of moral distress among pharmacists at an academic medical center. American College of Clinical Pharmacy Global Conference, Seattle, Washington, October 2018.

Fisher L, Ray JB, **Lockman K**. Evaluation of naloxone co-prescribing in ambulatory patients receiving palliative care. American College of Clinical Pharmacy Global Conference, Seattle, Washington, October 2018.

Gandotra S, Ravichandran B, **Lockman DK**, Thom KA, Amoroso A, Pajoumand M, Heil EL. Impact of de-escalation of antibiotic surgical prophylaxis in lung transplant recipients. ID Week. San Francisco, California. October 2018.

Renner A, Rao S, Sherine R, Sunilkumar MM, Nair A, **Lockman K**. Antibiotic stewardship in a low resource area in India: A collaboration across 12-time zones. Global Health Conference Midwest, Omaha, Nebraska, February 2018.

Fisher L, Ray JB, Struve A, Thomsen T, **Lockman K**. Oral ketamine produces opioid sparring effect in the treatment of chemotherapy-induced peripheral neuropathy: A case report. 51st ASHP Midyear Clinical Meeting & Exhibition, Orlando, Florida, December 2017.

Coulson E, Pies CJ, **Lockman K**. Palliative care patients' and caregivers' perspective on naloxone prescribing. 51st ASHP Midyear Clinical Meeting & Exhibition Ambulatory Care Networking Session, Orlando, Florida, December 2017.

- Clark WD, **Lockman K**. Old school vs new school: Script concordance testing to evaluate clinical reasoning in an EPA world. University of Iowa Annual GME Leadership Symposium, Iowa City, Iowa, June 2017.
- Alexander CS, Raveis VH, Karus D, Carrero-Tagle M, **Lockman K**, Lee MC, Brotemarkle R, Hossain MB, Wiegand D, Mulasi I, Piet L, Pappas G. Refinement of a generalist curriculum to integrate the palliative approach early in chronic disease management: Results from the CASA study in an HIV population. 15th World Congress of the European Association of Palliative Care, Madrid, Spain, May 2017.
- Alexander CS, Raveis V, Karus D, Carrero-Tagle M, Wilson M, Brotemarkle R, Pappas G, Wiegand D, **Lockman K**, Memiah P, Welsh C, Tepper V, Hossain MB, Amoroso A, Selwyn P. Early integration of the palliative approach in HIV management: Description of HIV+ young men who have sex with men attending 2 inner city clinics where the palliative approach is introduced to improve retention in care. 21st International Congress on Palliative Care, Montreal, Canada, October 2016.
- Alexander CS, Raveis V, Karus D, Carrero-Tagle M, Wilson M, Brotemarkle R, Pappas G, Wiegand D, **Lockman K**, Memiah P, Welsh C, Tepper V, Hossain MB, Amoroso A, Selwyn P. Early integration of the palliative approach in HIV management: Refining a curriculum for non-palliative specialists. 21st International Congress on Palliative Care, Montreal, Canada, October 2016.
- Lockman K**, Haines ST, McPherson ML. Knowledge, skills, and attitudes of pain management among pharmacy students. PainWeek 2015, Las Vegas, Nevada, September 2015.
Encore presentation at 50th ASHP Midyear Clinical Meeting & Exhibition, New Orleans, Louisiana December 2015.
- Stewart D, McPherson ML, **Lockman K**, Brandt N. Knowledge, skills, and attitudes regarding medication management in patients with advanced illnesses: an educational need assessment for surveyors in the State of Maryland. PainWeek 2015, Las Vegas, Nevada, September 2015.
- Alexander CS, Raveis VH, Karus D, Carrero-Tagle M, Wilson M, Brotemarkle R, **Lockman K**, Chwalow AJ, Lee MC, Piet L, Pappas G, Henley Y, Tepper V, Memiah P, Welsh C, Mulasi I, Amoroso A, Selwyn P. CASA (Care and Support Access) for early implementation of a palliative approach in management of HIV disease. AIDS Impact 2015, Amsterdam, The Netherlands, July 2015.
- Onyewuchi I, **Lockman K**, McPherson ML. Assessing hospice nurses' knowledge for monitoring opioid therapeutic effectiveness and toxicity. 49th ASHP Midyear Clinical Meeting & Exhibition, Anaheim, California, December 2014.
- McPherson AL, **Lockman K**, Walker K. Assessment of hospital nurses' ability to monitor opioid therapy. 49th ASHP Midyear Clinical Meeting & Exhibition, Anaheim, California, December 2014.
- Lockman K**, Cimino N, Grant M, McPherson ML. Knowledge, skills, and attitudes in caring for older adults with advanced illness among staff members of long-term care and assisted living facilities: An educational intervention. Hospice and Palliative Care Network of Maryland Annual Conference, Ellicott City, Maryland, November 2014.
- Cimino NM, **Lockman K**, Grant M, McPherson ML. Knowledge, skills, and attitudes in caring for older adults with advanced illness among staff members of long-term care and assisted living facilities: an educational needs assessment. Hospice and Palliative Care Network of Maryland Annual Meeting. November 19, 2014. Ellicott City, MD.
- Alexander CS, Raveis VH, Karus D, Carrero-Tagle M, Pappas G, Silva C, Memiah P, Tepper V, Hossain MB, McPherson ML, Wiegand D, Brotemarkle R, Welsh C, Lee MC, Henley Y, Ryscavage DP, Mulasi I, Piet L, **Lockman K**, Selwyn P, Amoroso A, Redfield RR. "CASA Study: Care and Support Access - implementation of a palliative approach for HIV+ young men who have sex with men (yMSM) to improve engagement and outcomes." 20th International Congress on Palliative Care, Montreal, Canada, September 2014.
- Lockman K**, Helmink D, Herndon C, McPherson ML. Practicing pharmacists' knowledge, skills and attitudes of pain management. PainWeek 2014, Las Vegas, Nevada, September 2014.

- Cimino N, **Lockman K**, Grant M, McPherson ML. Knowledge, skills, and attitudes in caring for older adults with advanced illness among staff members of long-term care and assisted living facilities: An educational needs assessment. PainWeek 2014, Las Vegas, Nevada, September 2014.
- Lockman DK**, Pajoumand M, Peterman C, Amoroso A. Characterization of bronchoalveolar lavage cultures and post-transplant pneumonia in lung transplant recipients. 48th ASHP Midyear Clinical Meeting 2013. Orlando, FL.
- Lockman DK**, Hui AC, Nie P, and Walker KA. Evaluating the impact of a protocol for terminal withdrawal of mechanical ventilation. 47th ASHP Midyear Clinical Meeting 2012. Las Vegas, NV.
- Helmink D, **Lockman DK**, Herndon C, and McPherson ML. Practicing pharmacists' knowledge, skills, and attitudes of pain management. 47th ASHP Midyear Clinical Meeting 2012. Las Vegas, NV.
- Lockman K**, Taylor JM, and Mack CP. The histone demethylase, *jmjd1a*, interacts with the myocardin factors to regulate SMC differentiation marker gene expression. Keystone symposium; Pathological and Physiological Regulation of Cardiac Hypertrophy 2008. Keystone, CO.
- Hinson JS, **Lockman K**, Medlin MD, Morris D, Taylor JM, and Mack CP. RhoA-dependent Nuclear Translocation of Myocardin Related Transcription Factor A is Important for SMC-Specific Transcription. International Vascular Biology Symposium 2004. Toronto, Canada. Cardiovascular Pathology 2004; 13:S3.
- Lockman K**, Hinson JS, Medlin MD, Taylor JM, and Mack CP. Sphingosine-1-phosphate stimulates differentiation and proliferation of vascular smooth muscle cells. North American Vascular Biology Association; Cardiovascular Development Workshop 2004. Monterrey, CA.
- Ma, J-x, **Othersen KL**, Xu L, Zhang D, Redmond TM, Crouch RK. Expression and purification of human RPE65 in Sf9 cells. [ARVO abstract] *Investigative Ophthalmology and Visual Science* 1999; 40:B714 (Abstract 4911).
- Ma, J-x, Ryan JC, **Othersen KL**, Das J, Znoiko S, Crouch RK. Cloning and characterization of salamander visual pigments. [Abstract] FASEB 1999 Conference 1161.
- Xu, Lin, **Lockman K**, Hazard ES, Corson DW, Crouch RK, Ma J-x. Molecular cloning and sequencing of a salamander cone pigment. [ARVO abstract] *Investigative Ophthalmology and Visual Science* 1997; 38:B458 (Abstract 2768).
- James, ER, **Lockman K**, Ahmad O, Venkatakrishnaiah L, McLean DC, Ma J-x, Lal PG. The Major 5S-rRNA/SL1 gene of *Onchocerca voluulus*. [ARVO abstract] *Investigative Ophthalmology and Visual Science* 1995; 36:S784 (Abstract 3631).

Invited and Contributed Presentations

International:

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|---|---------|
| #Benzopioid: Is it time for this power couple to break up? | 10/2018 |
| 22 nd International Congress on Palliative Care, Montreal, Canada | |
| Co-faculty: Tanya Uritsky, PharmD, BCPS | |
| Why is it important to know the pharmacology of methadone? | 6/2017 |
| Trivandrum Institute of Palliative Sciences & Project ECHO, Trivandrum, India | |
| Antibiotic Stewardship in Palliative Care | 1/2017 |
| Trivandrum Institute of Palliative Sciences, Trivandrum, India | |

Palliative Care Pharmacy Practice in the United States	12/2016
Trivandrum Institute of Palliative Sciences, Trivandrum, India	
National:	
Navigating Barriers to Deprescribing in the Quest for “Just-Right” Medication Regimens	7/2018
Virginia Commonwealth University (enduring webinar)	
The Opioid Crisis and Palliative Care: Tools and Strategies to Help Turn the Tide (4.0 CME)	3/2018
American Academy of Hospice & Palliative Medicine Annual Assembly Co-faculty: Pina Patel, MD, Kathleen Broglio, DNP, CPE, Justin Kullgren, PharmD, CPE, Brook Calton, MD, MHS	
Going from Casual Dating to a Long-term Commitment: Adding a Pharmacist to your Team (1 CME)	3/2018
American Academy of Hospice & Palliative Medicine Annual Assembly Co-faculty: Ann Broderick, MD, MS, Jessica Geiger-Hayes, PharmD, BCPS, Tanya Uritsky, PharmD, BCPS, Charles von Gunten, MD	
Hitting the Sweet Spot: Practical Tips for Navigating the Opioid Crisis in Outpatient Palliative Care (1 CME)	3/2018
American Academy of Hospice & Palliative Medicine Annual Assembly Co-faculty: Pina Patel, MD, Kathleen Broglio, DNP, CPE, Brook Calton, MD, MHS, Justin Kullgren, PharmD, CPE	
Demystifying Deprescribing: Overcoming Obstacles to Deprescribing (0.1 CEU)	10/2017
American College of Clinical Pharmacy Annual Meeting	
Rational Pharmacopalliation: The Confluence of Evidence, Anecdote, & Innovation (0.1 CEU)	7/2017
National Hospice & Palliative Care Organization Virtual Conference (plenary)	
Wear Your Cape to Work: Pharmacist-Initiated Naloxone Dispensing (0.15 CEU)	10/2016
The Collaborative Education Institute Co-faculty: James Ray, Pharm.D., CPE & Lee Kral, Pharm.D., BCPS, CPE	
Should We Sprinkle Some Methadone on Top? Methadone as a Co-analgesic (0.1 CEU)	9/2016
The Society of Palliative Care Pharmacists Journal Club Webinar	
Smooth Sailing in Advanced Illness Transitions of Care: Optimizing Medication Management from Palliative Care to Hospice Care: Managing COPD (0.1 CEU)	3/2016
American Academy of Hospice & Palliative Medicine Annual Assembly Co-faculty: Jay Vanston, MD, Mary Lynn McPherson, PharmD, MA, BCPS, Kathryn Walker, PharmD, BCPS	
Let's Order Lunch Off the Beers List & Other Flagrant Medication Decisions in Advanced Illness (0.1 CEU)	3/2016
American Academy of Hospice & Palliative Medicine Annual Assembly Co-faculty: Mary Lynn McPherson, Pharm.D., MA, BCPS, CPE	
Adult Learning: Not for the Faint of Mind (0.1 CEU)	9/2015
PAINWeek, Las Vegas, Nevada Co-faculty: Mary Lynn McPherson, Pharm.D., MA, BCPS, CPE	
Let it Go! Let It Go! Pruning Medications in Advanced Illness (0.2 CEU)	9/2015
PAINWeek, Las Vegas, Nevada Co-faculty: Holly M. Holmes, MD, MS & Mary Lynn McPherson, Pharm.D., MA, BCPS, CPE	
Let's Order Lunch Off the Beers List & Other Flagrant Medication Decisions in Advanced Illness (0.1 CEU)	9/2015
PAINWeek, Las Vegas, Nevada Co-faculty: Mary Lynn McPherson, Pharm.D., MA, BCPS, CPE	
<i>Encore presentation: Hospice & Palliative Network of Maryland Annual Conference</i>	11/2015

Impact of IPE experiences as a student on postgraduate practice: personal experiences 10/2014
Interprofessional Education Collaborative: Building a Framework for Collaboration, Herndon, Virginia

Regional and State:

A Pharmacist's View on the Best Care Possible (TED-style talk) 10/2018
Providing the Best Care Possible, an Honoring Your Wishes Conference, Iowa City, IA

Breathlessness & Beyond: Addressing the Palliative Care Needs of Patients with COPD 2/2018
Northeast Iowa Medical Education Foundation End of Life Conference, Waterloo, IA

What's New with Mu: Co-prescribing Naloxone (0.1 CEU) 9/2017
Progress in Internal Medicine, Iowa City, IA
Co-faculty: William David Clark, MD

Deprescribing: An Equal and Corresponding Responsibility 4/2017
Northeast Iowa Medical Education Foundation End of Life Conference, Waterloo, IA

What Lies Below the Surface: Unseen Risk in your Ambulatory Patient on Chronic Opioid Therapy (0.1 CEU) 2/2017
Midwest Pharmacy Expo
Co-faculty: James Ray, Pharm.D., CPE & Lee Kral, Pharm.D., BCPS, CPE

Methadone Misunderstood: Unraveling the Mysteries of a Complex Medication (0.1 CEU) 11/2016
East Central Iowa Hospice and Palliative Nurses Association

Partnering with Palliative Care to Seize the Day 4/2016
24th Annual Southern Maryland Caregivers Conference, La Plata, MD

Muffins for Maniacs: Mo' Medicine, Mo' Problems (0.1 CEU) 12/2015
Webinar, Hospice and Palliative Care Network of Maryland

Mayday! Mayday! Training Trap Ahead (0.1 CEU) 11/2015
Hospice and Palliative Care Network of Maryland Annual Conference, Ellicott City, Maryland

Muffins for Maniacs: Bran Edition (0.1 CEU) 12/2014
Webinar, Hospice and Palliative Care Network of Maryland

A Whole Lotta Shakin' Goin' On: Management of Seizures at the End of Life (0.1 CEU) 11/2014
Hospice and Palliative Care Network of Maryland Annual Conference, Ellicott City, Maryland

Local:

The Art of Giving and Receiving Feedback 12/2018
Toastmasters International – Pharmacy Communicator Association
University of Iowa College of Pharmacy

Fostering Critical Thinking Skills & Self-Directed Learners 10/2018
Pharmacy Preceptor Development Series
University of Iowa Hospitals & Clinics

The Quest for "Just-Right" Medication Lists: A deprescribing workshop 10/2018
Hospice & Palliative Medicine Faculty-Fellow Conference
University of Iowa Hospitals & Clinics

Buprenorphine: Can a partial agonist palliate severe pain? (1.0 CME) 9/2018
Supportive & Palliative Care Noon Conference Series
University of Iowa Hospitals & Clinics

Hospice & Palliative Medicine Fellowship Summer Camp	7/2018
Hospice & Palliative Medicine Fellowship Orientation Didactics (constipation, nausea, opioids, methadone) University of Iowa Hospitals & Clinics	
Buprenorphine: An Untapped Tool for Severe Pain (1.0 CME)	3/2017
Supportive & Palliative Care Noon Conference Series University of Iowa Hospitals & Clinics	
Deprescribing: An Equal and Corresponding Responsibility	9/2017
Department of Internal Medicine Ambulatory Care Lecture Series University of Iowa Hospitals & Clinics	
Survival Pharmacopalliation: A Boot Camp for Hospice & Palliative Medicine Fellows	7/2017
Department of Internal Medicine-Palliative Care Program University of Iowa Hospitals & Clinics	
Pain Management in Internal Medicine	4/2017
Co-faculty: William David Clark, MD Internal Medicine Fellow Conference University of Iowa Hospitals and Clinics	
Palliative Pearls for Head and Neck Cancer Pain	4/2017
Pain Medicine Didactic Series University of Iowa Hospitals and Clinics	
Pain & Palliative Medicine: Learning from Each Other in Kerala, India	3/2017
UI Pain Management, Substance Use Disorder, & Palliative Care Student Organization University of Iowa College of Pharmacy	
'The Gray Drizzle of Horror': Depression & Anxiety in Advanced Illness (1.0 CME)	3/2017
Palliative Care Noon Conference Series University of Iowa Hospitals & Clinics	
When Less is More: The Art & Science of Deprescribing (1.0 CME)	2/2017
Palliative Care Noon Conference Series University of Iowa Hospitals & Clinics	
Methadone for Chronic Pain Management: The Good, the Bad, the Ugly (1.0 CME)	12/2016
Palliative Care Noon Conference Series University of Iowa Hospitals & Clinics	
Palliative Care: Humanity in Medicine	11/2016
UI Pain Management, Substance Use Disorder, & Palliative Care Student Organization University of Iowa College of Pharmacy	
Of Genes & Proteins:	10/2016
The Role of Pharmacodynamics, Pharmacokinetics, & Pharmacogenetics in Opioid Responsiveness (1.0 CME)	
Palliative Care Noon Conference Series University of Iowa Hospitals & Clinics	
Opioid Conversions: Not Merely a Numbers Game! (1.0 CME)	2/2017
Palliative Care Noon Conference Series University of Iowa Hospitals & Clinics	
Managing Opioid Adverse Effects (1.0 CME)	8/2016
Palliative Care Noon Conference Series University of Iowa Hospitals & Clinics	

Pharmacotherapy for Chronic Pain Syndromes Department of Internal Medicine Ambulatory Care Lecture Series University of Iowa Hospitals & Clinics	9/2016
Keep 'Em Movin': Preventing & Managing Constipation in Advanced Illness (1.0 CME) Palliative Care Noon Conference Series University of Iowa Hospitals & Clinics	8/2016
Care for the Caregivers Conference: Frank's Story MedStar Union Memorial Hospital, Baltimore, Maryland Co-faculty: Carlie Pierorazio, CRNP	2/2016
When Less is More: The Art & Science of Deprescribing (0.1 CEU) University of Maryland School of Pharmacy, Baltimore, Maryland	10/2015
Drug Selection and Dosing Considerations after Gastric Bypass Surgery (0.1 CEU) University of Maryland School of Pharmacy, Baltimore, Maryland	11/2013
Evernote Productivity Workshop Student College of Clinical Pharmacy, University of Maryland School of Pharmacy, Baltimore, Maryland Co-faculty: Kasey Malotte, Pharm.D. BCPS	9/2015
Keeping up with the Literature Ambulatory Care Forum, Baltimore, Maryland	9/2015
Building a Better Presentation (0.3 CEU) University of Maryland School of Pharmacy, Baltimore, Maryland Co-faculty: Mary Lynn McPherson, Pharm.D., MA, BCPS, CPE	7/2015
Opioid Safety in Chronic Noncancer Pain (0.1 CEU) Fisher Bioservices, Rockville, Maryland	4/2015
Personal Knowledge Management Ambulatory Care Forum, Baltimore, Maryland	3/2015
Opioid Safety in Ambulatory Care Ambulatory Care Forum, Baltimore, Maryland	11/2014
A Moving Conversation About Constipation (0.1 CEU) University of Maryland School of Pharmacy, Baltimore, Maryland	9/2014
Oral Oncology Agents (0.1 CEU) Fisher Bioservices, Rockville, Maryland	7/2014
Non-Opioid Analgesics Family Medicine Medical Residency CORE Lecture Series University of Maryland Medical Center, Baltimore, Maryland	5/2014
HIV-Associated Neurocognitive Disorders Case-Conference, University of Maryland Medical Center Pharmacy Services, Baltimore, Maryland	4/2014
Bugs & Drugs Infectious Disease Gold Team, University of Maryland Medical Center, Baltimore, Maryland	3/2014
Vancomycin 101 Infectious Disease Gold Team, University of Maryland Medical Center, Baltimore, Maryland	3/2014
Dexamethasone for Cancer-Related Fatigue Journal Club, University of Maryland Medical Center Pharmacy Services, Baltimore, Maryland	2/2014

Chemotherapeutic Agents in Hematologic Malignancies	10/2013
Hematologic Malignancies Team, Greenebaum Cancer Center, Baltimore, Maryland	
What's New in Anticoagulation	9/2013
Internal Medicine Team 2, University of Maryland Medical Center, Baltimore, Maryland	
Safe Use of Opioids in Pediatric Patients	12/2012
Medication Safety Pharmacy Interest Group, The Johns Hopkins Hospital.	
Statins: New Concerns for Patients	6/2012
Kaiser Permanente of the MidAtlantic States Outpatient Pharmacy, Towson Center, Towson, Maryland	
Preparing for a Career in Pharmacy at the University of Maryland	
Pre-Health Professions Society, Frostburg State University, Frostburg, Maryland	2/2012
Hood College, Frederick, Maryland	2/2012
Mount Saint Mary's University, Emmitsburg, Maryland	10/2011
Tools to Evaluate Medication Appropriateness in the Elderly	12/2011
Correct Rx Pharmacy Services, Linthicum, Maryland	

Professional Affiliations

College of Psychiatric and Neurologic Pharmacists	2018 – present
Society of Pain and Palliative Care Pharmacists	2015 – present
Palliative Care Research Cooperative (PCRC) Group, Junior Investigator	2015 – present
Baltimore Ambulatory Care Forum	2014 – 2016
Baltimore Palliative Care Journal Club Forum	2013 – 2016
American College of Clinical Pharmacy (ACCP)	2012 – present
DC College of Clinical Pharmacy (DC-CCP)	2012 – 2014
American Association of Colleges of Pharmacy (AACP)	2012 – present
Phi Lambda Sigma (PLS), Beta Lambda Chapter	2012 – 2013
Rho Chi, Omicron Chapter	2011 – 2013
American Society of Consultant Pharmacists (ASCP)	2010 – 2016
American Society of Health-System Pharmacists (ASHP)	2010 – present
American Pharmacists Association	2010 – 2013, 2019 – present
Lambda Kappa Sigma International Professional Pharmacy Fraternity (LKS), Epsilon Chapter	2010 – 2013

Service to Professional Organizations

Education Committee	1/2019 – present
Society of Pain and Palliative Care Pharmacists	
Education Committee	1/2016 – 7/2018
Society of Pain and Palliative Care Pharmacists	
Programming Committee, Pain & Palliative Care Practice Research Network	10/2017 – 10/2018
American College of Clinical Pharmacy	
Membership Committee	1/2016 – 7/2018
Society of Palliative Care Pharmacists	
Resident Practitioner, Board of Trustees	11/2015 – 7/2016
Society of Palliative Care Pharmacists	

Mentor Maryland Society of Health-System Pharmacists (MSHP) Mentorship Program	11/2015 – 6/2016
Awards Committee American College of Clinical Pharmacy Pain and Palliative Care PRN	7/2015 – 6/2016
Programming Committee Continuing Professional Education Section, American Association of Colleges of Pharmacy	7/2015 – 6/2016
Education Committee Hospice and Palliative Care Network of Maryland	1/2015 – 6/2016
Shady Grove Liaison American Society of Consultant Pharmacists (ASCP) UMB Chapter	2011 – 2012
Member, Women's Health Issues Committee Lambda Kappa Sigma International Professional Pharmacy Fraternity (LKS)	8/2012 – 8/2014
Vice President of Membership Epsilon Chapter Lambda Kappa Sigma International Professional Pharmacy Fraternity (LKS), Epsilon Chapter	5/2011 – 5/2012
Chair, Professionalism Committee Lambda Kappa Sigma International Professional Pharmacy Fraternity (LKS), Epsilon Chapter	2/2011 – 5/2011
President DC Metro Student Pharmacists Association	5/2011 – 5/2012
Operation Heart Committee Member American Pharmacists Association Academy of Student Pharmacists (APhA-ASP)	2011 – 2012
Maryland Regional Operation (Asthma) Committee Member American Pharmacists Association Academy of Student Pharmacists (APhA-ASP)	2010 – 2011

Service to School and Clinical Sites

University of Iowa Interprofessional Education Steering Committee University of Iowa	12/2018 – present
Co-director, Teaching & Learning Program for Residents University of Iowa College of Pharmacy	8/2017 – present
Co-director, Palliative Care Certificate for Pharmacy Students University of Iowa College of Pharmacy	10/2016 – present
Curriculum Committee University of Iowa College of Pharmacy	10/2016 – present
Program Evaluation Committee, <i>Chair</i> Hospice and Palliative Medicine Fellowship University of Iowa Hospitals and Clinics	8/2016 – present
Palliative Care Clinic Process Committee University of Iowa Hospitals and Clinics	11/2016 – present
Palliative Care Service Education Committee University of Iowa Hospitals and Clinics	1/2017 – present
Abilities Lab Faculty Committee, <i>ex-officio</i> University of Maryland School of Pharmacy	1/2015 – 6/2016

Curriculum Committee, <i>ex-officio</i> University of Maryland School of Pharmacy	9/2014 – 6/2016
Antimicrobial Pharmacy and Therapeutics Subcommittee University of Maryland Medical Center	1/2014 – 7/2014
Insulin Focus Group University of Maryland Medical Center	8/2013 – 7/2014
Oncology Pharmacy and Therapeutics Subcommittee University of Maryland Medical Center	8/2013 – 12/2013

Journal Reviewer

Journal of the American College of Clinical Pharmacy	1/2019 – present
American Journal of Pharmaceutical Education	7/2017 – present
Academic Medicine	4/2017 – present
Currents in Pharmacy Teaching and Learning	9/2017 – present
iForum Rx	9/2017 – present
Pharmacotherapy	8/2017 – present

Service to Community

▪ A Bridge to Academic Excellence Health Information Day	2015
▪ Career Day, Joppa View Elementary School	2015
▪ Maryland Pharmacy Legislative Day	2011, 2012
▪ Daisy/Brownie Girl Scout First Aider and Assistant Troop Leader	2010 – 2012
▪ Dementia Unit Volunteer, Asbury Methodist Village Continuing Care Community	2012
▪ Hands-On DC Elementary School Improvement Service Project	May 2011
▪ Light the Night Walk for the Leukemia and Lymphoma Society	2010, 2011
▪ Break the Silence on Ovarian Cancer 5K Run	2010
▪ Vermonster Challenge for Project HOPE (Health Opportunities for People Everywhere)	2010
▪ Oakland Terrace Martin Luther King Jr. Day of Service	2010, 2011, 2012
▪ Manna Food Center Food Drive	2010 – 2011

Consulting

▪ American Society of Pain Educators Certified Pain Educator Job Analysis Panel	2015 – 2016
▪ ASHP Foundation	2015 – 2016
Faculty, Level 1 and 2, ASHP Pain Management & Palliative Care Traineeship	2014 – 2017

Awards and Honors

▪ American College of Clinical Pharmacy New Educator of the Year	2019
▪ University of Iowa College of Pharmacy Class of 2021 Student-selected Teacher of the Year	2018 – 2019
▪ Interprofessional Exchange in Palliative Care, University of Louisville	2018
▪ Design4Online Faculty Development Program, University of Iowa	2018
▪ Andrew G. Dumez Award for Superior Proficiency in Pharmacy	2013
▪ University of Maryland Geriatric and Gerontology Education and Research Program Award for Excellence in Geriatric Pharmacy	2013

- University of Maryland School of Pharmacy Leadership Award 2013
- UM School of Pharmacy Student Government Association Leadership Award 2012
- The Johns Hopkins Hospital Clinical Track Program 2012 – 2013
- American Association of Colleges of Pharmacy (AACP) Walmart Scholar 2012
- ACCP Clinical Pharmacy Challenge UMB Local Competition 1st Place Team 2012
- Phi Lambda Sigma Pharmacy Leadership Society, Beta Lambda Chapter Inductee 2012
- ASHP Clinical Skills UMB Local Competition finalist (Top 5 Team) 2012
- First Place, Lambda Kappa Sigma Convention Poster Competition 2012
- Lambda Kappa Sigma Chapter of the Year 2012
- APhA-ASP UMB Chapter Member of the Month April 2012
- Lambda Kappa Sigma Adele Lowe Leadership Grant 2012
- University of Maryland School of Pharmacy Student Ambassador 2011 – 2012
- ACCP Clinical Pharmacy Challenge UMB Local Competition 2nd Place Team & Alternate for the National Competition 2011
- Rho Chi honor society for pharmaceutical sciences, Omicron Chapter Inductee 2011
- APhA-ASP UMB Shady Grove Patient Counseling Competition Finalist (Book Award) 2010, 2011
- Lambda Kappa Sigma Epsilon Chapter Lamb of the Year 2010 – 2011
- Rho Chi Academic Student of the Month at University of Maryland School of Pharmacy November 2010
- Plough Pharmacy Student Scholarship for academic excellence, significant leadership ability, and citizenship 2009, 2010, 2011, 2012
- Dean's List 2009 – 2013
- Editor's Pick for Circulation Research Article December 2007
- First Place Written Research Proposal of First Year Biomedical Science Ph.D. Students 2002
- First Place Undergraduate Poster Presentation at MUSC Student Research Day 1998
- Experiential Program to Stimulate Competitive Research (EPSCoR) Summer Research Fellowship 1998
- First Place Undergraduate Oral Presentation at MUSC Student Research Day 1996, 1993
- College of Charleston Presidential Scholarship 1995 – 1998
- National Consortium for Specialized Secondary Schools of Mathematics, Science, and Technology (NCSSMST) Scholarship 1994
- Second Place Written Research Paper in SC Junior Academy of Science/
University of South Carolina School of Medicine: Mentored Medicine and Health Category 1994