

Matthew A. Wanat, PharmD, BCPS, BCCCP, FCCM

University of Houston College of Pharmacy
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EDUCATION & TRAINING

American Association of Colleges of Pharmacy November 2020 – Nov 2021
Academic Leadership Fellows Program (ALFP) – Cohort 17

Houston Methodist Hospital, Houston, TX July 2011 – July 2012
Critical Care Pharmacy Residency (PGY-2)

Houston Methodist Hospital, Houston, TX June 2010 – June 2011
Pharmacy Practice Residency (PGY-1)

Northeastern University School of Pharmacy, Boston, MA September 2004 – May 2010
Doctor of Pharmacy

ACADEMIC APPOINTMENTS

University of Houston College of Pharmacy, Houston, TX September 2023 - Present
Clinical Professor (Critical Care/Cardiology)

University of Houston College of Pharmacy, Houston, TX July 2018 - Present
Program Director, Fellowship in Academic Pharmacy

University of Houston College of Pharmacy, Houston, TX July 2018 - Present
Assistant Director (Founding), Prescription Drug Misuse Education and Research (PREMIER) Center

Baylor College of Medicine, Houston, TX March 2014 - Present
Clinical Instructor (Critical Care/Cardiology)

University of Houston College of Pharmacy, Houston, TX September 2018 – August 2023
Clinical Associate Professor

University of Houston College of Pharmacy, Houston, TX August 2012 – August 2018
Clinical Assistant Professor

PHARMACY PRACTICE EXPERIENCE

Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX March 2013 - Present
Clinical Pharmacy Specialist – Cardiac ICU (practice site)

Houston Methodist Hospital, Houston, TX August 2012 - Present
Clinical Pharmacy Specialist I – Critical Care (PRN)

<i>The Methodist Hospital, Houston TX</i> Pharmacy Resident (PGY1 & PGY2 Critical Care)	June 2010 – July 2012
<i>Spaulding Rehabilitation Hospital, Boston, MA</i> Pharmacy Intern	April 2006 – May 2010
<i>Walgreen's Pharmacy, San Diego, CA</i> Pharmacy Intern	September 2007 – December 2007
<i>Partner's Healthcare Clinical Informatics and Research Dev, Wellesley, MA</i> Pharmacy Informatics Intern	January 2007 – May 2007
<i>CVS Pharmacy, East Hartford, CT & Boston, MA</i> Pharmacy Intern	April 2005 – April 2006

CERTIFICATIONS & LICENSES

<i>Texas State Board of Pharmacy</i> Pharmacist License # 49012	July 2010 - Present
<i>Texas State Board of Pharmacy</i> Pharmacist Preceptor	January 2011 - Present
<i>Board of Pharmacy Specialties</i> Board Certified Pharmacotherapy Specialist (BCPS)	November 2011 - Present
<i>Board of Pharmacy Specialties</i> Board Certified Critical Care Pharmacist (BCCCP)	November 2015 - Present
American Pharmacists Association Pharmacy-based Immunization Delivery, Faculty Trainer	December 2014 - Present
American Pharmacists Association Pharmacy-based Immunization Delivery, Certified Immunizer	May 2013 - Present
<i>University of Houston College of Pharmacy, Houston, TX</i> Teaching and Scholarship in Academia Program, Teaching Certificate	September 2010 – June 2011
<i>Houston Methodist Hospital</i> ACPE Accredited Anticoagulation Certificate Program (16 hours)	October 2010 - June 2011
<i>American Academy of Pediatrics, American Heart Association</i> Pediatric Advanced Life Support (PALS)	July 2010 – July 2014
<i>American Heart Association</i> Advanced Cardiovascular Life Support (ACLS)	June 2010 - Present
<i>American Heart Association</i> Basic Life Support (BLS)	July 2008 - Present

HONORS & AWARDS

<i>Society of Critical Care Medicine</i> Presidential Citation	2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022
<i>Rho Chi Society – University of Houston College of Pharmacy</i> Teaching Excellence Award	2013, 2015, 2017, 2020
<i>Society of Critical Care Medicine – Texas Chapter</i> Excellence in Service Award - Education	Spring 2016, 2020
<i>University of Houston College of Pharmacy</i> Faculty of the Semester (Class of 2022)	Fall 2020
<i>University of Houston Provost’s Office and Division of Research</i> 50 in 5 Scholar (For \$1M+ grant)	Fall 2020
<i>Texas Chapter of the American College of Cardiology</i> ACC Travel Award Stipend	2017, 2018, 2019
<i>International Society of Thrombosis and Hemostasis</i> Top Rated Abstract	July 2018
<i>Faculty Affairs Committee, University of Houston College of Pharmacy</i> Excellence in Teaching Award	May 2014, May 2018
<i>International Society of Thrombosis and Hemostasis</i> Young Investigator Research Award	March 2018
<i>American College of Critical Care Medicine</i> Fellow of the American College of Critical Care Medicine (FCCM)	February 2018
<i>University of Houston College of Pharmacy</i> Faculty Preceptor of the Year Award	Spring 2017
<i>University of Houston, Office of the Provost</i> Provosts Travel Fund Award	Summer 2016
<i>University of Houston, Office of the Provost</i> Provost’s Teaching Excellence Award (\$8,000 award)	Spring 2016
<i>Phi Lambda Sigma Leadership Society, University of Houston College of Pharmacy</i> PLS Faculty Leadership Award	Spring 2015
<i>Society of Critical Care Medicine – Texas Chapter</i> Excellence in Leadership Award	Spring 2015
<i>Phi Lambda Sigma Leadership Society - University of Houston Pharmacy</i> Leadership Society Induction	Spring 2014

<i>Northeastern University, Boston, MA</i> School of Pharmacy Commencement Speaker	May 2010
<i>New England Pharmacists Association Convention, Mashantucket, CT</i> Pain Management Patient Counseling Competition Winner	October 2009
Group Awards	
<i>American Society of Health System Pharmacists</i> ASHP Practice Advancement Initiative Video Competition – National Finalist	January 2020
<i>Society of Critical Care Medicine</i> Chapters Alliance Excellence Award – Awarded to SCCM Texas Chapter (Role: President)	February 2019
<i>Texas Society of Health-System Pharmacists</i> 2019 TSHP Residency Program Excellence Award (HMH PGY2 Critical Care)	February 2019
<i>University of Houston, Office of the Provost</i> Provosts Group Teaching Excellence Award - Finalist	December 2018
<i>Texas Society of Health-System Pharmacists</i> 2017 TSHP Residency Program Excellence Award (HMH PGY1 Residency)	Spring 2017
<i>Society of Critical Care Medicine</i> Chapters Alliance Excellence Award – Awarded to SCCM Texas Chapter (Role: Board of Directors)	Spring 2015
<i>University of Houston Campus Leaders</i> Outstanding Program Award – Awarded to Student Society of Health-System Pharmacists (Advisor)	Spring 2015

TEACHING EXPERIENCE

<i>University of Houston College of Pharmacy, Houston, TX</i> <u>Cardiovascular II Module – Course Coordinator (3 credits)</u>	Spring 2020 - present
Advanced Hemodynamics for Pharmacists	Spring 2020 - present
Cardiac Diagnostics	Spring 2020 - present
Vasopressors and Inotropes in Shock	Spring 2020 - present
Cardiopulmonary Arrest (ACLS)	Spring 2020 - present
Heart Failure – Chronic (3 hours)	Spring 2020 - present
Heart Failure – Decompensated	Spring 2020 - present
Cardiac Devices	Spring 2020 - present
EKGs for Pharmacists (3 hours)	Spring 2020 - present
Valvular Heart Disease	Spring 2020 - present
Skills Lab Facilitator (48 hours/semester)	Spring 2020 - present
<u>Cardiovascular I Module</u>	
Venous Thromboembolism (3 hours)	Spring 2020 - present
Genetic Considerations with Anticoagulants	Spring 2020 - present
<u>Neurology Module</u>	
Therapeutics of Anesthetic Agents (2 hours)	Fall 2020 - present

Non-Module Related Skills Lab (N-MRSL) Sterile Products

Skills Lab Facilitator (36 hours/semester) Fall 2019 - present

Critical Care Therapeutics – Course Coordinator (2 credits)

Critical Care Therapeutics Skills Lab Facilitator (8 hours/semester) Summer 2013 - present

Acute Respiratory Distress Syndrome/Mechanical Ventilation Summer 2013 - present

Acid-Base Disorders Summer 2013 - present

Cardiac Arrest Summer 2015 - present

Alcohol Withdrawal Summer 2015 - present

Clinical Seminar – Postgraduate Training Track Longitudinal Course (Co-Coordinator)

Intro to Residency/Residency Timeline Summer 2015 - present

Resident/Program Director Panel Discussion Summer 2015 - present

CV Workshop, Letter of Intent and Letters of Recommendation Summer 2015 - present

Residency Interviews & Navigating the Midyear Meeting Summer 2015 - present

Clinical Cases and Presentations on Residency Interviews Summer 2015 - present

How to Succeed from the Start of Residency Summer 2015 - present

University of Houston College of Medicine

The Physician-pharmacist relationship in the setting of opioid use disorders Spring 2022 - present

Advanced Therapeutics I,II & III

Therapeutics I Skills Lab Facilitator (6 hours/semester) 2013 - 2018

Therapeutics II Skills Lab Facilitator (24 hours/semester) 2012 - 2018

Therapeutics III Skills Lab Facilitator (24 hours/semester) Spring 2013 - 2020

Cardiac Arrest and ACLS Spring 2013 - 2020

Atrial Arrhythmias (2 hours) Spring 2013 - 2018

Ventricular Arrhythmias Spring 2013 - 2018

Venous Thromboembolism and Heparin-induced Thrombocytopenia (3 hours) Spring 2013 - 2020

Congestive Heart Failure (2 hours) Spring 2013 - 2020

Acute Decompensated Heart Failure Spring 2013 - 2020

Sedation-Analgesia-Delirium Spring 2013 - 2020

Critical Care Mega Patient Case Spring 2012 - 2013

Men's Health: Erectile Dysfunction Spring 2014 - 2017

Alcohol Withdrawal Fall 2012 & 2013

Gout and Hyperuricemia Fall 2010 & Fall 2011

Physical Assessment

Electrocardiograms for Pharmacists (2 hours) Fall 2016 - 2019

Electrocardiogram Skills Lab (2 hours) Fall 2016 - 2019

Electrocardiograms – A review Fall 2015

Hemodynamic Monitoring for the Pharmacist Fall 2012 - 2019

Physical Assessment Skills Lab Facilitator (6 hours/semester) Fall 2012 – Fall 2015

Pharmacy Practice II (Drug Information/Research Skills) – Course Coordinator

Drug Information Skills Lab Facilitator (18 hours/semester) Spring 2013 - 2018

Drug Information for Pharmacists/P&T Committee/Literature Intro (2 hours) Spring 2013 - 2018

Medical/Research Ethics (2 hours) Spring 2013 - 2018

Systematic Approach to Answering Drug Information Questions (2 hours) Spring 2016 - 2018

Literature Evaluation (2 hours) Spring 2016 - 2018

<u>Pharmacy Practice IV (Hospital and Community Pharmacy) – Course Coordinator</u>	Spring 2018 & 2019
Collaborative Practice Agreements and Prescribing Authority	Spring 2019
Ethics in the Pharmacy Setting	Spring 2019
Conflict Resolution	Spring 2019
<u>Pharmacy Practice Skills Lab</u>	
Basic Pharmacy Assessment Skills Assessment (12 hours/year)	Fall 2015 - 2018
Sterile Products Skills Lab Facilitator (30 hours/year)	Fall 2013 - 2019
Immunizations Skills Lab Facilitator (3 hours/year)	Spring 2013 - 2019
<u>UHCOP Teaching Certificate Program</u>	
Creating a Teaching Portfolio (2 hours)	Fall 2013 - 2017
<u>Principles of Drug Action – PHAR2362 (Undergraduate Course)</u>	
Pathophysiology of the CNS	Fall 2012 & Spring 2013
Alcohol and its Effects on the Human Body	Fall 2012 & Spring 2013
Stimulants and Amphetamines	Spring 2013
Marijuana	Spring 2013
<i>Texas Southern University: College of Pharmacy, Houston, TX</i>	
<u>Therapeutics: Acute respiratory distress syndrome (ARDS)</u>	Fall 2011
<i>Northeastern University School of Pharmacy, Boston, MA</i>	
<u>Pharmacoeconomics lecture: Making it to ASHP Midyear 2010: Tips on abstract writing</u>	Spring 2010
<u>Pharmacy Practice: Skills lab co-facilitator</u>	Spring 2010
<u>Academia Rotation (Elective) – Pharmacoeconomics</u>	Spring 2010
<u>Therapeutics I lecture: Obesity and metabolic syndrome</u>	Summer 2009
<u>Therapeutics I: Skills Lab co-facilitator</u>	Summer 2009
<u>Academia Rotation (Elective) – Therapeutics I</u>	Summer 2009

UNIVERSITY, HOSPITAL, & PROFESSIONAL SERVICE

<u>University of Houston, Houston, TX (University wide)</u>	
Health Professions Advisory Committee (Member)	Fall 2017 - present
Strategic Planning Working Group (Goal 3 – Social Responsibility)	Summer - Fall 2021
Student Conduct and Sexual Harassment Appellate Board (Member)	Fall 2013 - 2019
<u>University of Houston College of Pharmacy</u>	
ACPE Accreditation Self-Study Steering Committee (Chair)	January 2023 - present
Clinical and Translational Research Advisory Council (Member)	Fall 2021 - present
PharmD Student Affairs Committee (Member)	Fall 2020 - 2023
Student Professional Conduct Board (Chair)	Fall 2021 - 2022
Assessment Committee (Member)	Fall 2019 - 2022
Faculty Advisory Council (Ad-hoc – faculty award voting)	2021, 2022
Student Professional Conduct Board (Co-chair)	Fall 2020 - 2021
PharmD Attendance Task Force (Chair)	Summer 2018 - 2022
PPTR Department Social Events Committee	Fall 2016 - 2022
PharmD Student Awards Committee (Member)	Spring 2013 - present
Faculty Development Committee (Chair)	Fall 2017 - 2020
Admissions and Progression Committee (Chair)	Fall 2016 - 2019

Curriculum Subcommittee – Turnitin Policy (Member)	Spring 2015
UHCOP Self-Study Accreditation Steering Committee (Member)	July 2015 - 2017
Standard 20 - Preceptors and 22 - Pharmacy Practice Facilities (Chair)	July 2015 - 2017
Postgraduate Training Advisory Committee (Chair)	Fall 2014 - 2016
PharmD Experiential Advisory Committee (Chair)	Fall 2014 – 2016
Admissions and Progressions Committee (Member)	Fall 2012 – 2016

University of Houston College of Pharmacy – Office of the Dean

Drug Information Consulting – Special Projects	March 2014 - present
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Faculty Search Committees

Research Assistant Professor – PREMIER Center (Member)	Fall 2022
IT Manager (Member)	Spring 2022
Research Assistant Professor – PREMIER Center (Chair)	Spring 2021
Clinical Faculty Research Focused Position (Member)	Spring 2017
Ambulatory Care Clinical Faculty Position (2) (Member)	Spring 2016
Institutional APPE Director (Member)	Fall 2013
Assistant Dean for Student and Professional Affairs (Member)	Summer 2013
Managed Care Clinical Faculty Position (Member)	Summer 2013
Ambulatory Care Clinical Faculty Position (Member)	Spring 2013
Therapeutics/Skills Lab Clinical Faculty Position (Member)	Spring 2013

Michael E. DeBakey Veterans Affairs Medical Center

Cardiopulmonary Resuscitation Committee	July 2013 - 2020
Residents Advisory Council	July 2013 - present
Critical Care Committee	April 2013 – April 2017
Protocol/Guideline Workgroups – Antiplatelet Order set, Sepsis guidelines, ICU Drip Reference Guide, Dofetilide Protocol, Alteplase During Cardiac Arrest Workgroup (ad-hoc), Aspirin De-Sensitization Protocol, Cangrelor	

Society of Critical Care Medicine – Texas Chapter

Research Committee (Member)	March 2019 - present
Past-President	February 2018 - 2019
President	January 2017 – February 2018
President-Elect	January 2016 – January 2017
Board of Directors	March 2013 – February 2019
Symposium Committee (Member)	October 2013 – 2019
Communications Committee (Chair)	October 2013 – January 2015
Communications Committee (Member)	October 2010 – October 2013

Society of Critical Care Medicine

Undergraduate Education Committee		
	Past-Chair	2022 - 2023
	Chair	2021 - 2022
	Chair-Elect	2020 - 2021
Undergraduate Education Committee – VCCR I Mapping Subgroup		2022
Critical Care Quick Study Advisory Group (Member)		Fall 2022 - present
CPP Education Committee (Member)		January 2015 - present
	Research Snapshot Charge Lead	2023 - present
Clinical Pharmacy and Pharmacology (CPP) Section (Member)		August 2012 - present
Undergraduate Education Committee (Member)		January 2018 – 2020

Chapters Alliance Nominations Committee (Member)	October 2016 – January 2017
Chapters Alliance (Member)	March 2016 - 2019
SCCM Congress Planning Committee	March 2016 - 2018
Advanced Knowledge Assessment in Adult Critical Care Committee (Member)	September 2013 - 2017
<u>American College of Cardiology</u>	
Education Standards and Outcomes Committee	Spring 2023 - present
Cardiovascular Team (Member)	June 2015 - present
Accreditation Committee	2019 - 2020
Cardiovascular Team Editorial Fellow	December 2017 – 2018
Cardiovascular Team Communication Work Group	June 2015 - 2017
<u>Texas Society of Health System Pharmacists (TSHP)</u>	
Academia Task Force (Member)	July 2021 - present
Education Affairs Council (Member)	April 2020 - 2021
ACPE Review Committee (Chair)	April 2020 - 2022
TSHP Scholarship Review Committee (Member)	April 2016 - 2022
Education Affairs Council (Member)	June 2017 - 2018
Board of Directors	June 2016 - 2017
Education Affairs Council (Chair)	June 2016 - 2017
Editorial Advisory Board Committee (Member)	June 2013 - 2016
Educational Affairs Council (Member)	May 2013 – May 2016
Membership Development Council (Member)	June 2011 - June 2013
<u>American College of Clinical Pharmacy</u>	
Critical Care PRN Network – Recognition Committee (Travel Award Reviewer)	Fall 2015 - present
Critical Care PRN Network - Program Committee	November 2014 - present
Critical Care PRN Network - Awards Committee	November 2014 - 2018
<u>American Society of Health-System Pharmacists</u>	
Faculty Advisory Panel	June 2018 - 2020
Clinical Skills Competition Coordinator	Fall 2013 - present
Student Society of Health-System Pharmacy Faculty Advisor	Summer 2013 - present
Student CV Reviewer	Fall 2012 - present
<u>American Association of College of Pharmacy</u>	
AJPE Editorial Board (Member)	2019 - present
Experiential Education Programming Committee	Summer 2016 - 2017
AACP Faculty Delegate (Primary)	2015-16
AACP Faculty Delegate (Alternate)	2014-15
<u>Baylor College of Medicine</u>	
Pharmacy Content Expert – Eisenberg Center for Clinical Decisions	June 2016 - 2018
<u>Houston Methodist Hospital, Houston, TX</u>	
Preceptor Development Committee (Member)	Fall 2019 - 2021
Policy Creation– Patient Care/Patient Safety Policy– Disposable regional analgesia pumps (Committee’s presented to: Medication Safety, OR, Patient Safety, P&T)	February 2011
Gap Analysis Survey – Comparison of clinical vs. staff pharmacist perceptions in the ICU setting	May 2011
Medication Use Evaluation – ICU sedation protocol quality analysis	May 2011

Order-Set Revision – Methylprednisolone for spinal cord injury order set	May 2011
Policy Revision – Pharmacy policy L.2.4. – Pharmacy and Therapeutics Committee Structure	April 2011
Qualitative Research – TMH PGY1 pharmacy residency applicant characteristics study	March 2011
Medication Safety Matters– Dronedarone and liver toxicity: Med Watch® reporting	March 2011
Monograph Recommendation: Dabigatran (Pradaxa®)	November 2010
Monograph Recommendation: Citicoline (CerAxon®)	September 2010

Northeastern University School of Pharmacy, Boston, MA

Curriculum Proposal: The role of advanced writing for the disciplines in the pharmacy curriculum	June 2009
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Spaulding Rehabilitation Hospital Pharmacy, Boston, MA

Policy Presentation: Pharmacy technician daily responsibility protocol	July 2006
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GRANT FUNDING

Under Review

National Human Genome Research Institute	June 2023
PI: Siddharth Prakash, MD – University of Texas Health Science Center	
Multi-site PI: Matthew Wanat	
Creation of the UT Health Genomics Certificate Program (R25)	
Funding Request: \$500,000 (\$35,000 UH sub-award)	

Funded

Texas Health and Human Services (via Substance Abuse and Mental Health Services Administration)	
PI: Douglas Thornton	Aug 2018– Sept 2024
Co-I: <u>Matthew Wanat (20% credit split)</u> , Tyler Varisco	
Texas Improved Dissemination and Evaluation of Single-Use Disposal Pouches (TIDES)	
Total Award: \$10,251,276/6 years (funded)	

Foundation for Opioid Response Efforts	Apr 2023 – Apr 2025
PI: Tyler Varisco	
Co-I: <u>Matthew Wanat</u> , Douglas Thornton	
Creation of a multi-stakeholder practice guideline to improve access to medication for opioid use disorder in community pharmacies	
Total Award: \$572,278 (funded)	

University of Houston Teaching Innovation Program Grant (TIPS)	September 2021 – August 2022
PI: <u>Matthew Wanat</u>	
Co-I: Elisabeth Sulaica, Douglas Thornton, Tyler Varisco	
Student-led Podcasts to Enhance Literature Evaluation and Critical Thinking in a Doctor of Pharmacy Program	
Total Award: \$10,000/1 year (funded)	

Substance Abuse and Mental Health Administration	September 2020 – August 2022
PI: Austin De La Cruz	
Co-I: Tamara Al Rawwad, Doug Thornton, <u>Matthew Wanat</u>	
Expansion of Interprofessional Substance Use Disorders Education Among Pharmacy and Medical Students	
Total Award: \$200,000/2 years (funded)	

National Human Genome Research Institute June 2020 – August 2022
 PI: Siddharth Prakash, MD – Univ. of Texas Health Science Center at Houston
 Role: Collaborator – genetic case creation
 UTHealth Adult Cardiovascular Genomics Certificate Program – Supplement to the Clinical Translational Science Award (UL1TR003167-02S2)
 Total Award: \$125,000/2 years (funded)

Texas Health and Human Services (via Substance Abuse and Mental Health Services Administration) Jan 2016 – Aug 2021
 PI: Douglas Thornton
 Co-I: Matthew Wanat (20% credit split)
 Strategic Prevention Framework for Prevention of Prescription Drug Misuse
 Total Award: \$1,510,181/5 years (funded)

American Thrombosis Investigator-Initiated Research Program (ARISTA-USA) Jan 2016 – Dec 2018
Bristol-Myers Squibb/Pfizer
 PI: Matthew Wanat
 Co-I: Susan Abughosh, Marc Fleming, Hua Chen, Michael Johnson
 Risk of Thrombosis and Bleeding in Patients on Warfarin or Apixaban (Eliquis) and Concomitant Anti-arrhythmic Medications
 Total Award: \$209,798 (funded)

Mallinckrodt Pharmaceuticals June 2014 – December 2015
 PI: Marc Fleming
 Co-I: Sujit Sangsiry, Susan Abughosh, Hua Chen, Matthew Wanat, Larry Driver & Knox Todd
 Texas Prescribers Attitudes and Predicted Pain Management Based on Rescheduling of Hydrocodone
 Total Award: \$94,000 (funded)

Houston Assembly of Delphian Chapters Scholarship Foundation Fund April 2014
 PI: Matthew Wanat
 Education Grant for Student Health Fair Consumables and Supplies
 Total Award: \$800 (funded)

University of Houston Teaching Innovation Program Grant (TIPS) February 2014
 PI: Lindsay Schwarz
 Co-I: Doug Eikenburg, Shari Mauthner, Matthew Wanat & Louis Williams
 Surveying Knowledge-Based Critical Thinking Skills: a Logic and Case-Based Self-Assessment
 Total Award: \$24,897 (funded)

Houston Assembly of Delphian Chapters Scholarship Foundation Fund April 2013
 PI: Matthew Wanat
 Education Grant for CPR Mannequins for College of Pharmacy Experiential Training
 Total Award: \$500 (funded)

University of Houston New Faculty Research Grant December 2012
 PI: Matthew Wanat
 Critical Care Pharmacy Specialists Impact on Pharmacotherapy Interventions and Cost Savings: a TMC Study
 Total Award: \$6,000 (funded)

Unfunded Proposals

National Institute on Drug Abuse Components of clinical decision making in opioid and naloxone dispensing among community pharmacists Role: Co-PI Amount: \$426,000 (R21 – scored)	February 2023
Emergent BioSolutions Determinants of community pharmacist action with naloxone screening, counseling, and prescribing Role: PI Amount: \$115,000	June 2021
Pfizer Competitive Grants Program An Interactive, case-based, educational module series on optimizing osteoarthritis pain Role: PI Amount: \$247,118	July 2020
ARISTA-USA Investigator Initiated Program – Bristol-Myers Squibb Impact of provider monitoring behavior on the adherence trajectory of apixaban among Medicare advantage plan patients Role: Co-I Amount: \$452,310	May 2019
National Institute on Drug Abuse – NIH Components of decision making in controlled substance dispensing Role: Co-I Amount: \$420,750	Nov 2019
ARISTA-USA Investigator Initiated Program – Bristol-Myers Squibb Obstructive sleep apnea as a risk factor for atrial fibrillation and therapy with direct oral anticoagulants Role: Co-I Amount: \$400,000	May 2017
ARISTA-USA Investigator Initiated Program – Bristol-Myers Squibb Analysis of real-world dosing of anticoagulants in patients with atrial fibrillation Role: PI Amount: \$98,000	May 2017

PUBLICATIONS (45; 3 submitted/under revisions)

ORCID: <https://orcid.org/0000-0003-4832-8200>

Google Scholar: <https://scholar.google.com/citations?user=OtOY0IoAAAAJ&hl=en&oi=ao>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=55652202100>

Tata V, Al Saadi R, Cho SK, Varisco TJ, **Wanat MA**, Thornton JD. Physician perspectives on the implementation of risk mitigation strategies when prescribing opioid medications: a qualitative analysis. Revisions under review at BMC Health Services Research. October 2023.

Sulaica E, Varisco T, Thornton JD, Varkey DA, **Wanat MA**. Student-led podcasts to enhance literature evaluation skills and critical thinking. *Curr Pharm Teach Learn*. 2023 Sep 13:S1877-1297(23). PMID: 37714755

Varisco TJ, Gupta A, Campbell D, **Wanat MA**, Patel H, Al Saadi R, Gates D, Thornton JD. Effective and safe disposal of unused or unwanted prescription medications in public schools: results of a pilot implementation study from Texas. Submitted to *International Journal of Nursing Studies*. April 2023.

Thornton JD, Varisco TJ, Patel H, Shrestha M, **Wanat MA**, Schaefer E, Leslie D, Zhao H, Al Saadi R, Shen C. Characterizing incident opioid use among incident users of prescription sedative hypnotics: a national cohort study. Submitted to Research in Social and Administrative Pharmacy. March 2023.

Biju A, **Wanat MA**, El-Desoky R, Vu C, Varkey DA. Evaluation of student emotional intelligence at various points in a pharmacy curriculum. *Curr Pharm Teach Learn*. 2023 Jun 22:S1877-1297. PMID: 37355382.

Varisco TJ, Patel H, Al Saadi R, **Wanat MA**, Thornton JD. Patients prefer free drug disposal options delivered by pharmacists at the point of care: results of a decision tree analysis of a national factorial vignette panel survey. *Int J Drug Policy*. 2023 Jun;116:104045. PMID: 37156066.

Zhong C, **Wanat MA**, Sansgiry S, De La Cruz A. Diversity/life experiences scores impact on the demographic makeup of students in a pharmacy school program. *Curr Pharm Teach Learn*. 2023 May;15(5):468-472. PMID:37149467.

Wanat MA, Biju A, DeGracia CM, El-Desoky R, Wollen JT, Coyle EA, Fernandez JM, Varkey DA. Academic pharmacy fellowship programs: An innovative solution to improving the faculty pipeline. *Am J Pharm Educ*. 2023 Jun; 87(6):100012. PMID: 37316128.

Varisco TJ, **Wanat MA**, Hill LG, Thornton JD. The Impact of the Mainstreaming Addiction Treatment Act and associated legislative action on pharmacy practice. *J Am Pharm Assoc* (2023). 2023 Apr 21:S1544-3191. PMID: 37088366.

El-Desoky R, De La Cruz A, Thornton JD, **Wanat MA**, Varkey D. Identifying predictors of generalized anxiety among student pharmacists in response to the COVID-19 pandemic. *Curr Pharm Teach Learn*. 2023 Jan;15(1):34-42. PMID: 36898886.

Al Rawwad T, Tata V, **Wanat MA**, Campbell D, Thornton JD. Evaluating the feasibility of implementing a prescription drug misuse prevention intervention in the community: a mixed-methods study. *BMC Public Health*. 2023 Apr 21;23(1):728. PMID: 37085838.

Rizk E, Yuan F, Zheng F, Iso T, Mohyuddin N, Thekdi A, Jackson GL, **Wanat MA**, Thornton JD, Swan JT. Optimization of opioid discharge prescriptions following thyroid and parathyroid surgeries. *Otolaryngol Head Neck Surg*. 2022 Aug 30. PMID: 36040827.

Kolluru S, **Wanat MA**, Ficzer CH, Akiyode O, Haber S, Hayastshahi A, Caldwell D, Raman-Wilms L, Edwards K. Review of best practices for diversity, equity, and inclusion committees within colleges of pharmacy. *Am J Pharm Educ*. 2022 Oct 21;9043. PMID: 36270665.

Anyanwu PA, **Wanat MA**, Varisco TJ, Thornton JD. Comparing two databases to identify access to buprenorphine treatment for opioid use disorder. *J Pain Palliat Care Pharmacother*. 2022 Jun;36(2). PMID 35648731.

Babino JM, Thornton JD, Putney K, Taylor RB, **Wanat MA**. Evaluation of discharge opioid prescribing in coronary artery bypass patients following an opioid stewardship intervention for providers. *J Pharm Practice*. 2022 Apr;11. PMID: 35410543.

Varisco TJ, Abughosh S, Chen M, Fleming ML, Ziedonis D, **Wanat MA**, Thornton J. Opioid prescribing and prescription monitoring program use after buprenorphine discontinuation. *J Am Coll Clin Pharm*. 2022 Feb;5(2): 157-162. Doi:10.1002/jac5.1589.

Wanat MA. Completing the Academic Leadership Fellows Program during the pandemic. *Am J Pharm Educ.* 2021 Oct 25;8855. PMID 34697021

Lopez CN, Sulaica EM, Donahue KR, **Wanat MA.** Updates in hemodynamic monitoring: a review for pharmacists. *J Pharm Pract.* 2021 Mar 26. PMID: 33769132

Kiles TM, Zhao AV, **Wanat MA,** Garey KW, Hatfield CL. Knowledge and self-perception comparisons between students with and without prior technician experience in community pharmacy lab courses. *Curr Pharm Teach Learn.* 2021 Mar;13(3):279-287. PMID: 33641739

Kiles TM, Garey KW, **Wanat MA,** Pitman P. A survey to assess experiences and social support of underrepresented minority doctor of pharmacy students. *Curr Pharm Teach Learn.* 2021 Mar;13(3):245-254. PMID: 33641734.

Wanat MA, Varkey DA, Sulaica EM, Thornton KA, Thornton JD. Does social desirability influence preceptors completion of student experiential evaluations? *Am J Pharm Educ.* 2020 Sep;84(9). PMID: 33012802

Nguyen D, Du N, Sulaica EM, **Wanat MA.** Bempedoic acid: a new drug for an old problem. *Ann Pharmacother.* 2021 Feb;55(2):246-251. PMID: 32674598

Lewing B, **Wanat MA,** Pitman P, Sansgiry SS. Development and evaluation of additional college of pharmacy admittance variables: Life experiences and holistic composite scores. *Curr Pharm Teach Learn.* 2020;12(10). PMID: 32739056.

Sulaica EM, Asias-Dinh BD, **Wanat MA,** Birtcher KK. Is there still a role for aspirin in primary prevention in women in 2020? *Curr Atheroscler Rep.* 2020 Jun;22(8):34. PMID: 32556683

Adil MQ, De La Cruz A, Thornton JD, **Wanat MA.** Incidence of chronic opioid use in previously opioid-naïve patients receiving opioids for analgesia in the intensive care unit. *Fed Pract.* 2020;37(4):170-176. PMID: 32322148

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PUBLICATIONS (Non-Peer Reviewed)

Thornton JD, **Wanat MA**. Pharmacists' role in Texas Opioid Abatement Programs. *Texas Pharmacy Journal*. Winter 2022.

Wanat MA. The 47th Society of Critical Care Medicine Annual Congress. American College of Cardiology CV Team Section. July 10th, 2018. Available online at: <https://www.acc.org/membership/sections-and-councils/cardiovascular-team-section/section-updates/2018/07/10/14/42/the-47th-society-of-critical-care-medicine-annual-congress>.

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Parma JM, **Wanat MA**. Diuretic resistance in heart failure patients. *MEDVAMC Pharmacy Newsletter*, Dec 2013.

Wanat MA. A Review of the 2013 ACCF/AHA guidelines for the management of heart failure: key updates for pharmacists. Michael E. DeBakey Pharmacy Newsletter, Fall 2013

Wanat MA. The Last Xigris®? Gulf-Coast Society of Health-System Pharmacists. December/January 2012 Newsletter.

TMH Pharmacy and Therapeutics News. The Methodist Hospital, Houston, TX. May 2010, Volume 4, Issue 5.

BOOK CHAPTERS & EDUCATIONAL MODULES

Book Chapters

Wanat MA. Abstracts and Posters (Chapter 22). In: Aparasu R, Bentley J, Pate A, eds. *Student Handbook for Pharmacy Practice Research: A Companion Book to Conduct Practice-Based Research in Pharmacy*. McGraw Hill; 2022.

Wanat MA. The Pharmacists' Patient Care Process in the ICU. In: Stollings J, ed. *Issues in Critical Care Practice*. American College of Clinical Pharmacy. September 2020; ISBN-13: 978-1-952291-08-1.

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The Medical Students' Guide to the Intensive Care Unit. Society of Critical Care Medicine. Available online: <https://www.sccm.org/Professional-Development/Undergraduate>. (2021 editor)

Wanat MA, Sulaica E. Aspirin therapy for primary prevention of cardiovascular disease. <http://www.acc.org>. June 14th, 2019. <https://www.acc.org/education-and-meetings/patient-case-quizzes/2019/06/14/08/27/aspirin-therapy-for-primary-prevention-of-cvd>

Wanat MA. Pharmacokinetics and Pharmacodynamics. Virtual Critical Care Rounds I Module – Society of Critical Care Medicine. Updated February 2019.

Holyk A, **Wanat MA.** Prevention of cardioembolic stroke in obese patients with non-valvular atrial fibrillation. <http://www.acc.org>. June 10th, 2018. Available online: <http://www.acc.org/education-and-meetings/patient-case-quizzes/2018/06/28/15/11/prevention-of-cardioembolic-stroke-in-obese-patients-with-nonvalvular-atrial-fibrillation>.

John M. Eisenberg Center for Clinical Decisions and Communications Science at Baylor College of Medicine. Managing gout: a review of the research for adults. Agency for Healthcare Research and Quality (AHRQ). January 2017. Available online at: https://ahrq-ehc-application.s3.amazonaws.com/media/pdf/gout_consumer.pdf

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INVITED PRESENTATIONS

National

Finding the right research project and mentor (Moderator). Society of Critical Care Medicine 2023 Annual Congress. San Francisco, CA. January 2023.

Impact of COVID-19 on mental health care and equity in telehealth (Chair). Academy Health 2022 Annual Research Meeting. Washington, DC. June 2022.

Getting back up: resilience and mindfulness to overcome challenges in the ICU (Chair). Society of Critical Care Medicine Annual Congress. Virtual. April 2022.

Words of Wisdom for Trainees on critical care rotations and residencies (Moderator). Society of Critical Care Medicine Annual Congress. Virtual. April 2022.

Increasing the Safety and Quality of Opioid Prescribing (Chair). Academy Health Annual Research Meeting. Virtual. June 2021.

Voluntary Diversity Committees Can Effectively Drive Change Within Institutions – Academic Leadership Fellowship Program Debate. American Association of Colleges of Pharmacy 2021 Interim Meeting. Virtual. February 2021.

Feasibility of community prevention organizations in promoting prescription medication disposal. Academy Health Annual Conference on the Science of Dissemination and Implementation in Health. Virtual. October 2020.

Models of Translational Research in Critical Care (Moderator). Society of Critical Care Medicine – Discovery, the Critical Care Research Network. Virtual Webinar. July 2020.

Venovenous vs. venoarterial extracorporeal membrane oxygenation & pulsatile versus continuous ventricular assist devices. Society of Critical Care Medicine 2020 Annual Congress. Orlando, FL. February 2020.

Making the match: assessing strategies for student success in obtaining postgraduate training. American Association of Colleges of Pharmacy 2019 Annual Meeting, Chicago, IL. July 2019.

Discussion of didactic, co-curricular, and novel teaching activities to prepare students to have a positive impact on patients with opioid use disorder. American Association of Colleges of Pharmacy 2019 Annual Meeting, Chicago, IL. July 2019.

Don't Bypass the Knowledge: Updates in Cardiovascular Surgery Pharmacotherapy. Society of Critical Care Medicine 2019 Annual Congress, San Diego, CA. February 2019.

Multidisciplinary Care in the ICU Roundtable. Society of Critical Care Medicine 2019 Annual Congress, San Diego, CA. February 2019.

Building an Effective and Efficient Database for your Research – Michael Shashaty, MD (Moderator). Society of Critical Care Medicine Discovery Research Network. July 2018.

The Role of Postgraduate Training Fellowship Programs with a Primary Focus in Academia. American Association of Colleges of Pharmacy 2018 Annual Meeting, Boston, MA. July 2018.

Stroke Prevention in Atrial Fibrillation: Choosing the Best Anticoagulant in Special Populations. American College of Cardiology Annual Meeting 67th Scientific Session and Expo. Orlando, FL. March 2018.

Acute Cardiogenic Shock: Progress, Paradigm, and Unresolved Problems. American College of Cardiology Annual Meeting 66th Scientific Session and Expo. Washington, DC. March 2017.

Pharmacotherapy of Acute Decompensated Heart Failure and Ventricular Arrhythmias. Veterans Health Administration Pharmacy Benefits Manager Education Board Certification Prep Course. March 2016.

Cardiology Pharmacy Practice Panel Session. American Society of Health-System Pharmacists Annual Meeting, Anaheim, CA. December 2014.

Transitioning Pharmacy Residents into Successful Clinical Faculty: A Starting Blueprint. American Association of Colleges of Pharmacy, 2013 Annual Meeting, Chicago, IL. July 2013.

Pharmacy implications with enteral nutrition. Pharmacy OneSource, Wolters Kluwer Health. April 2012.

State/Regional Presentations

Don't go breaking my heart: Updates in heart failure pharmacotherapy. Texas Society of Health-System Pharmacists Annual Seminar. Round Rock, TX. May 2022.

The Opioid Epidemic and Pharmacy's Role. Texas Pharmacy Congress. Houston, TX. May 2022.

Optimizing Research Collaborations: My Journal as a Clinical Faculty Member. University of North Texas College of Pharmacy Research Seminar Series. January 2021.

Stop the bleed: use of reversal agents for direct oral anticoagulant bleeding. Texas Society of Health-System Pharmacists Annual Meeting. Virtual Symposium. September 2020.

PADIS Guidelines – Do we always use narcotics. Society of Critical Care Medicine Texas Chapter 9th Annual Symposium. Virtual Symposium. September 2020.

Anticoagulation reversal – use of specific reversal agents for direct oral anticoagulants. Society of Critical Care Medicine Texas Chapter 8th Annual Symposium. Houston, TX. October 2019

A Call to counsel: developing the skillset to effectively counsel patients on their opioid prescriptions [CE Webinar]. Prescription drug misuse education and research [PREMIER] Center at the University of Houston College of Pharmacy. June 2019.

Finding the right balance: strategies for educating and mentoring the next generation of critical care practitioners. Society of Critical Care Medicine Texas Chapter 7th Annual Symposium. Dallas, TX. October 2018.

Mechanical circulatory support: what every pharmacist needs to know. Texas Society of Health-System Pharmacists Annual Meeting. The Woodlands, TX. April 2018.

Preceptor workshop: strategies for managing difficult situations. Texas Society of Health-System Pharmacists Annual Meeting. The Woodlands, TX. April 2018.

Society of Critical Care Medicine - Texas Chapter Business Meeting. Society of Critical Care Medicine Texas Chapter 6th Annual Symposium. Galveston, TX. November 2017.

Debate: Warfarin versus the “rest of the world” for prevention of stroke in non-valvular atrial fibrillation. Texas Society of Health-System Pharmacists Annual Meeting. Houston, TX. April 2014.

Comparison of dexmedetomidine versus propofol for sedation in intensive care unit patients after coronary artery bypass or valve surgery. Midwest Pharmacy Residents Conference 2012, Omaha, NE. May 2012.

Peer-reviewed Research Abstracts/Research Presentations (74) *Indicates trainee mentored as first author

*Shamsi A, De La Cruz A, **Wanat MA**, Coyle R, El-Desoky R, Varkey D. An Evaluation of emotional intelligence and pharmacy students' leadership and academic performance. American Association of Colleges of Pharmacy Annual Meeting. Denver, CO. July 2023.

Mohan A, Chen H, **Wanat MA**, Deshmukh AA, Essien EJ, Paranjpe R, Majd Z, Abughosh SM. Adherence to direct oral anticoagulants and incidence of stroke and systemic embolism among patients with atrial fibrillation using a marginal structural model. International Society for Pharmacoeconomics and Outcomes 2023 Meeting. Boston, MA. May 2023.

Fatima B, Mohan A, Chen H, Deshmukh AA, **Wanat MA**, Essien EJ, Paranjpe R, Abughosh SM. Group-based trajectory modeling to evaluate adherence patterns for direct oral anticoagulants among patients with atrial fibrillation. International Society for Pharmacoeconomics and Outcomes 2023 Meeting. Boston, MA. May 2023.

Johnson ML, Yande S, Aparasu RR, **Wanat MA**, Toale K. Prevalence and factors associated with the use of direct oral anticoagulants and low molecular weight heparins in cancer patients. International Society for Pharmacoeconomics and Outcomes 2023 Meeting. Boston, MA. May 2023.

Tata V, Al Saadi R, Cho SK, Varisco TJ, **Wanat MA**, Thornton JD. Physician perspectives on risk mitigation strategies for prescribing opioids: a thematic analysis of a national survey. International Society for Pharmacoeconomics and Outcomes 2023 Meeting. Boston, MA. May 2023.

Jerezano GC, Opsomer C, Hudson R, **Wanat MA**. Evaluation of a pharmacist education and counseling intervention to improve Hepatitis B vaccine administration in at-risk diabetic patients over 60 years old. American Pharmacists Association Annual Meeting and Exposition. Phoenix, AZ. March 2023.

Varisco TJ, Tata V, Thornton JD, **Wanat MA**. Opioid risk mitigation strategies: what do patients and providers want and where can pharmacists intervene? American Pharmacists Association Annual Meeting and Exposition. Phoenix, AZ. March 2023.

Altaie A, Olateju O, Varisco TV, **Wanat MA**, Thornton JD. Evaluating a controlled substances peer education program in community pharmacies. American Pharmacists Association Annual Meeting and Exposition. Phoenix, AZ. March 2023.

Wanat MA, Sulaica EM, Varisco TJ, Varkey DA, Thornton JD. Student-led podcasts to enhance literature evaluation and critical thinking in a pharmacy program. Research Snapshot Presentation – Society of Critical Care Medicine Congress. San Francisco, CA. January 2023.

*Awuah A, Hatfield C, Attia E, Adeola M, **Wanat MA**. Development of a medication override process for obstetrics and newborn care at a large academic medical center. Vizient Pharmacy Meeting at the American Society of Health-System Pharmacists Midyear Meeting. Las Vegas, NV. December 2022.

*Jerezano GC, Opsomer CM, Hudson RM, **Wanat MA**. Evaluation of a pharmacist education and counseling intervention to improve hepatitis b vaccine administration in at-risk diabetic patients over 60 years old. American Society of Health-System Pharmacists Midyear Meeting. Las Vegas, NV. December 2022.

*Pham T, Nguyen P, Elder D, **Wanat MA**, Helbing R, Wang EM. Efficacy and safety of aspirin and P2Y12 inhibitors as single antiplatelet therapy in patients with acute coronary syndromes: a systematic review. American Society of Health-System Pharmacists Midyear Meeting. Las Vegas, NV. December 2022.

Al Rawwad T, Thornton JD, **Wanat MA**, De La Cruz A. Development and Implementation of a Pharmacy-led comprehensive curriculum on substance use disorders. American Public Health Association 2022 Annual Meeting. Boston, MA. November 2022.

Biju A, **Wanat MA**, El-Desoky R, Varkey DA. Impact of an integrated pharmacy curriculum on student emotional intelligence. American Association of Colleges of Pharmacy Annual Meeting. Grapevine, TX. July 2022.

*Al Saadi R, Varisco TJ, Thornton JD, **Wanat MA**, Patel H, Shaefer E, Leslie D, Zhao H, Shen C. Characterizing new sedative use among individuals currently using opioids: a national retrospective cohort study. Academy Health Annual Research Meeting. Washington, DC. June 2022.

*Patel H, Thornton JD, Varisco TV, **Wanat MA**, Al Saadi R, Shaefer E, Leslie D, Zhao H, Shen C. Characterizing new opioid use among new users of prescription sedative hypnotics: a national cohort study. Academy Health Annual Research Meeting. Washington, DC. June 2022.

*Gupta A, Campbell D, **Wanat MA**, Thornton JD, Patel H, Al Saadi R, Varisco TJ. Effective and safe disposal of unused or unwanted prescription medications in public schools: Experience from Texas. American Pharmacists Association Annual Meeting. San Antonio, TX. March 2022.

*Patel H, Al Saadi R, Varisco TJ, **Wanat MA**, Thornton JD. Evaluating consumer preferences of drug disposal methods using a national panel survey. American Pharmacists Association Annual Meeting. San Antonio, TX. March 2022.

*Al Saadi R, Patel H, Varisco TJ, **Wanat MA**, Thornton JD. Evaluating community pharmacy drug disposal systems distribution and counseling practices. American Pharmacists Association Annual Meeting. San Antonio, TX. March 2022.

- *Anyanwu P, Thornton D, Varisco TJ, Campbell DS, **Wanat MA**. Community pharmacist prevention priorities and response to COVID-19. American Pharmacists Association Annual Meeting. San Antonio, TX. March 2022.
- *Kefer E, Chang J, Lee L, Helbing RR, Sulaica EM, **Wanat MA**. Evaluating the efficacy and safety of bivalirudin as an anticoagulant for patients on extracorporeal membrane oxygenation: a systematic review. American Society of Health-System Pharmacists Annual Meeting. Virtual. December 2021.
- *Patel P, Al-Shaikhli H, Varkey D, **Wanat MA**, Wang EM. Pharmacy student perceptions of transitions of care. American Society of Health-System Pharmacists Annual Meeting. Virtual. December 2021.
- *Jones N, Putney D, Attia E, Adeola M, Varkey A, Troung M, **Wanat MA**. Assessment of an integrated clinical surveillance alert system. Vizient Pharmacy Meeting at the American Society of Health-System Pharmacists Annual Meeting. Virtual. December 2021.
- *Torano M, Gutierrez M, Sapp N, Nguyen K, **Wanat MA**. Comparison of student perceptions of a virtual, hybrid-virtual, and in-person new pharmacy student orientation. American Society of Health-System Pharmacists Annual Meeting. Virtual. December 2021.
- *Nguyen T, Tran A, Duong L, **Wanat MA**, Wang EM. Evaluating the efficacy of melatonin on infarct size and 90-day clinical events in acute ST-elevation myocardial infarction patients undergoing percutaneous coronary intervention: a systematic review. American Society of Health-System Pharmacists Annual Meeting. Virtual. December 2021.
- *Anderson E, **Wanat MA**, Beavers C, Helbing R, Wang EM. Systematic review of anticoagulation in patients with atrial fibrillation and end-stage renal disease. American Society of Health-System Pharmacists Annual Meeting. Virtual. December 2021.
- *Opsomer CM, Harvey RM, Hudson RM, **Wanat MA**. Flu vaccination perceptions in the context of the global COVID-19 pandemic. American Society of Health-System Pharmacists Annual Meeting. Virtual. December 2021.
- El-Desoky R, Rosario N, Wollen J, **Wanat MA**, Thornton JD, Georges M, Senawong N, Moulik S. Implementing active learning strategies involving patient counseling sessions in a virtual environment. American College of Clinical Pharmacy Annual Meeting. Virtual. October 2021.
- *El-Desoky R, Varkey D, **Wanat MA**, Thornton JD, De La Cruz A. Using alderfer's ERG theory to identify predictors of generalized anxiety symptoms among pharmacy students in response to the COVID-19 pandemic. American Association of Colleges of Pharmacy Annual Meeting. Virtual. July 2021.
- Anyanwu P, Varisco TJ, **Wanat MA**, Bapat SS, Claborn K, Thornton JD. Evaluating access to buprenorphine treatment for opioid use disorder using the Drug Enforcement Administration Control Substance Act Database and the Substance Abuse and Mental Health Service Administration buprenorphine practitioner locator list. Academy Health Annual Research Meeting. Virtual. June 2021.
- Anyanwu P, Varisco TJ, **Wanat MA**, Bapat SS, Bhatt P, Thornton JD. Comparing two databases to identify access to buprenorphine treatment for opioid use disorder. Texas Substance Use Symposium. Virtual conference. April 2021.

*Babino J, Putney K, Taylor R, Thornton JD, **Wanat MA**. Evaluation of opioid prescribing in coronary artery bypass patients following implementation of post-operative discharge prescribing interventions. American Society of Health-System Pharmacists Midyear Meeting. Virtual conference. December 2020.

*Harvey RM, Hart EA, Putnam M, Hudson RM, **Wanat MA**. Pharmacist-administered penicillin G benzathine injection in the setting of a specialty pharmacy-HIV private practice partnership. American Society of Health-System Pharmacists Midyear Meeting. Virtual. December 2020.
Also presented at 2021 American Pharmacists Association Annual Meeting. Virtual. March 2021.

*Lu J, Sulaica EM, **Wanat MA**. A Systematic review of statins for migraine prevention. American Society of Health-System Pharmacists Midyear Meeting. Virtual. December 2020.

*Zhong C, De La Cruz A, **Wanat MA**, Sansgiry SS. Diversity/Life experiences scores' impact on the demographic makeup of students in a pharmacy school program. American Association of Colleges of Pharmacy 2020 Annual Meeting. Virtual. July 2020.

*Kefer E, Gutierrez MA, Jerezano GC, Sapp N, Pitman EP, **Wanat MA**. The impact of an e-orientation program on the new pharmacy students orientation process. American Association of Colleges of Pharmacy 2020 Annual Meeting. Virtual. July 2020.

Ozeki R, Garey KW, **Wanat MA**, Komiyama N, Komoda M. Comparison of bleeding complications in patients treated with five oral anticoagulants. American College of Cardiology Annual Meeting. March 2020 (virtual).

*Gee A, Bhatt PJ, Thornton JD, **Wanat MA**. Evaluation of the new Texas opioid-related continuing education requirement and pharmacists' perceived importance of counseling on opioid related prescriptions. American Society of Health-System Pharmacists Annual Meeting, Las Vegas, NV. December 2019.

*Kabbani R, **Wanat MA**, Macaulay TE, Helbing RR, Sulaica EM. Evaluating the efficacy and safety of the direct oral anticoagulants in left ventricular thrombus: a systematic review. American Society of Health-System Pharmacists Annual Meeting, Las Vegas, NV. December 2019.

Wanat MA, Nguyen KA, Ordonez ND, Thornton JD. Effect of elective pharmacy courses on student performance during advanced pharmacy practice experiences. American Association of Colleges of Pharmacy 2019 Annual Meeting, Chicago, IL. July 2019.

Wanat MA, Fernandez JM, Varkey DA, Coyle EA. Teaching impact of a structured fellowship in academic pharmacy at a college undergoing curricular change. American Association of Colleges of Pharmacy 2019 Annual Meeting, Chicago, IL. July 2019.

*Haghparsat P, Fernandez JM, Ordonez ND, Nguyen KA, Coyle EA, **Wanat MA**. Effect of competitive longitudinal advanced pharmacy practice experience on residency pursuit and match rates. American Association of Colleges of Pharmacy 2019 Annual Meeting, Chicago, IL. July 2019.

*Kiles TM, Zhao AV, **Wanat MA**, Garey K, Hatfield CL. Comparison of knowledge gained in a community pharmacy lab course between students with and without prior community pharmacy technician work experience. American Association of Colleges of Pharmacy 2019 Annual Meeting, Chicago, IL. July 2019.

Awarded top poster by a resident, fellow or post-doc at meeting

Thornton JD, **Wanat MA**, Low EV, Yande S, Crowley S, Pitman P, Fleming ML. Evaluation of a substance use disorder educational event for doctor of pharmacy students. American Association of Colleges of Pharmacy 2019 Annual Meeting, Chicago, IL. July 2019.

*Anyanwu P, Sansgiry S, Thornton D, **Wanat MA**. A Decision analysis of adding angiotensin ii to renal replacement therapy to treat patients with acute kidney injury and vasodilatory shock. International Society for Pharmacoeconomics and Outcomes Research Annual Meeting, New Orleans, LA. July 2019.

*Mohan A, **Wanat MA**, Abughosh SM. Medication taking behaviors in patients taking warfarin versus direct oral anticoagulants: a systematic review. International Society for Pharmacoeconomics and Outcomes Research Annual Meeting, New Orleans, LA. July 2019.

*Villanueva E, Abughosh S, Carbajal S, Egwim O, **Wanat MA**. Evaluating the Efficacy of Motivational Interviewing on Enhancing Medication Adherence for Heart Failure Patients at An Academic Health System. Alcalde Southwest Leadership Conference. Frisco, Texas. April 2019.

*Adil MQ, De La Cruz A, **Wanat MA**. Prevalence of long term opioid dependence in opioid naïve patients receiving opioid infusions for analgesia in the intensive care unit. American Society of Health-Systems Pharmacists Annual Meeting, Anaheim, CA, December 2018.

Wanat MA, Abughosh S, Chen H, et al. Effect of anti-arrhythmic medication drug interactions on thrombotic and bleeding outcomes in patients with atrial fibrillation. International Society of Thrombosis and Hemostasis 64th Annual Scientific Meeting, Dublin, Ireland. July 2018.

Wanat MA, Abughosh S, Chen H, et al. Risk of thrombosis and bleeding in patients treated with warfarin or apixaban for non-valvular atrial fibrillation: A large, national, retrospective study. International Society of Thrombosis and Hemostasis 64th Annual Scientific Meeting, Dublin, Ireland. July 2018.

*Stokes LB, Bertrand L, Colavecchia AC, Roux RK, **Wanat MA**, Aparasu RR. Evaluation of a pharmacy-led bedside medication delivery service at a comprehensive cancer center. University of Houston Medication Safety Symposium. June 2018.

*Tran TT, Dreucean D, DeLaTorre R, Li J, Abughosh S, Chen H, Wang X, Johnson M, Fleming M, **Wanat MA**. Comparison of baseline characteristics in patients with non-valvular atrial fibrillation on warfarin versus apixaban: a retrospective cohort analysis. American Society of Health-System Pharmacists Annual Meeting, Orlando, FL. December 2017.

Ordonez N, **Wanat MA**, Coyle EA. Implementation of multiple professional development tracks for advanced pharmacy practice experience (APPE) students. American Association of Colleges of Pharmacy Annual Meeting, Nashville, TN. July 2017.

Wanat MA, Donahue KR, Lee M, et al. Comparison of a cardiac arrest simulation lab to a paper-based case on student learning/perceptions. Society of Critical Care Medicine Annual Congress. Honolulu, HI. January 2017.

Fleming ML, Driver L, Sansgiry SS, **Wanat MA**, et al. Impact of hydrocodone rescheduling on Texas physicians future pain management. International Society of Pharmacoeconomics and Outcomes Research, International Meeting. Washington, DC. May 2016.

Fleming ML, Driver L, Sansgiry SS, et al ([#6](#)). Predicting Texas physicians' intention to prescribe hydrocodone combination products after rescheduling. International Society of Pharmacoeconomics and Outcomes Research, International Meeting. Washington, DC. May 2016.

*Ly DC, Fleming ML, Johnson ML, **Wanat M**. Student perception, attitude and barriers to completion of assigned reading material during pharmacy school. Texas Society of Health-System Pharmacists Annual Meeting. Frisco, TX. April 2016

*Mersek J, Pham C, Patel K, **Wanat M**. Comparison of efficacy and safety outcomes between warfarin and target specific oral anticoagulants in patients on concomitant anti-arrhythmic medications. American Society of Health-System Pharmacists Midyear Annual Meeting. New Orleans, LA. December 2015.

Wanat MA, Tucker AM, Coyle EA. A Critical care hybrid online elective course: comparison to traditional didactic teaching methods. American Association of Colleges of Pharmacy Annual Meeting. National Harbor, MD. July 2015.

Wanat MA, Shah DN, Garey KW. An In-class research project to teach fundamentals of conducting research; breaking away from the traditional lecture. American Association of Colleges of Pharmacy Annual Meeting. National Harbor, MD. July 2015.

McLean E, Murillo J, **Wanat MA**. Carboplatin- vs. Cisplatin- containing regimens in the treatment of metastatic non-small cell lung cancer: a retrospective cost minimization analysis. University Health-system Consortium Meeting at ASHP Annual Meeting. Anaheim, CA. December 2014.

Wanat MA, Swan J, Laine G, et al. Critical Care Pharmacists Impact on Pharmacotherapy. Society of Critical Care Medicine Annual Congress. San Francisco, California. January 2014.

Wanat M, Hart S, Putney D, et al. Alternative monitoring of argatroban using plasma-diluted thrombin times. Society of Critical Care Medicine Annual Congress. San Juan, Puerto Rico. January 2013.

Sirimaturos M, Noell B, **Wanat M**, et al. Evaluation and safety of a modernized intensive care units continuous insulin infusion order set. Society of Critical Care Medicine Annual Congress. San Juan, Puerto Rico. January 2013.

*Kuriakose S, Liebl M, **Wanat M**. Vasopressin versus norepinephrine in patients with septic shock. American Society of Health-System Pharmacists Midyear Annual Meeting. Las Vegas, NV. December 2012.

Wanat M, Fitousis K, Bostan F, et al. Cost-effectiveness analysis of dexmedetomidine versus propofol for sedation in mechanically ventilated patients after cardiovascular surgery; an institutional perspective. American College of Clinical Pharmacy. Virtual Poster Symposium, 2012.

Wanat M, Fitousis K, Bostan F, et al. Comparison of dexmedetomidine versus propofol for sedation in intensive care unit patients after coronary artery bypass or valve surgery. University Health-system Consortium Meeting at ASHP Annual Meeting. New Orleans, LA. December 2011.

Thompson-Moore N, **Wanat M**, Putney D, et al. Enoxaparin dosing and anti-xa levels in medically-ill, morbidly obese patients. University Health-system Consortium Meeting at ASHP Annual Meeting. New Orleans, LA. December 2011.

Wanat M, Fitousis K, Hall J, et al. Ordering of heparin PF-4 antibodies and treatment of heparin-induced thrombocytopenia in the ICU. International Society of Thrombosis and Haemostasis Meeting. Kyoto, Japan. July 2011.

Wanat M, Fitousis K, Hall J, et al. Characterizing heparin-induced thrombocytopenia in the ICU. American Society of Health-System Pharmacists Annual Meeting. Anaheim, CA. December 2010.

Barr J, Bird S, Pepe S, **Wanat M**, et al. Inventory of the scholarship of assessment, learning and teaching at Northeastern University. American Association of Colleges of Pharmacy Annual Meeting. Seattle, WA. July 2010.

Wanat M, Dierks G, Krause A, Le D, Patel N. Cost-effectiveness of aliskiren versus lisinopril as treatment in mild to moderate hypertensive patients in the reduction of blood pressure over eight weeks: A third-party payer perspective. American Society of Health-System Pharmacists Midyear Annual Meeting. Las Vegas, NV. December 2009.

Local Presentations

Venous Thromboembolism Case Review. Student Society of Clinical Pharmacy Meeting. September 2023.

Cardiovascular Therapeutics Review. UH Student National Pharmacist Association Power to End Stroke Meeting. May 2022.

COVID and ICU Clinical Pharmacy Practice. University of Houston College of Pharmacy faculty meeting. September 2021.

Treating venous thromboembolism – think on the spot! UH Student College of Clinical Pharmacy meeting. September 2021.

UHCOP Spring Showcase – New Student Faculty Panel. University of Houston College of Pharmacy. February 2021.

Pharmacy during the pandemic townhall [moderator]. Operation Heart – AphA. Virtual event. November 2020.

Tapering opioid prescriptions. University of Houston College of Pharmacy Convocation. November 2019.

Roping in that first large grant: lessons learned along the way. University of Houston College of Pharmacy – Pharmacy Practice and Translational Research Clinical Seminar. March 2019.

Medical marijuana and medication assisted treatment options: a debate. University of Houston College of Pharmacy Convocation. October 2018.

Creation of a Fellowship in Academic Pharmacy to Enhance Curricular Change. University of Houston College of Pharmacy Open House. October 2018.

Work life integration: Conversations that matter. Gulf-coast Society of Health-System Pharmacists Leaders of Tomorrow Committee. October 2017.

Interviewing Workshop. University of Houston College of Pharmacy, Student Society of Health-System Pharmacists. April 2016.

Pharmacy Career Panel. University of Houston Pre-Pharmacy Association. April 2016.

Clinical Pharmacy Career Path. University of Houston College of Pharmacy High School Summer Camp. June 2015 and 2016.

Heparin-induced thrombocytopenia: considerations in anticoagulation management [CE Presentation]. Houston Methodist Hospital. October 2015.

Contemporary Pharmacy Practice in the Cardiac ICU. University of Houston College of Pharmacy Faculty Retreat. May 2015.

Clinical pearls for completing in the clinical skills competition. University of Houston College of Pharmacy, Student Society of Health-System Pharmacists. Fall 2014 and 2015.

The “how-to” of Job Searching for Residents. Texas Medical Center Residency Council. November 2013.

Introduction to clinical pharmacy and ACCP. University of Houston College of Pharmacy, Student Society of Health-System Pharmacists. November 2013.

Academia as Pharmacy Career Path. APhA-ASP Student Meeting, University of Houston College of Pharmacy. April 2013.

Pathophysiology and treatment of hepato-renal syndrome. Pharmacy Forum – Houston Methodist Hospital. February 2012.

Surgery residents ABSITE board review: pharmacy review. Department of Surgery, Houston Methodist Hospital. January 2012.

Pulmonary physiology and ARDS. Houston Methodist Hospital Pharmacy Student Lectures. Recurring for 2012.

Use of tPA in emergency situations. Emergency Department Physicians Meeting – Houston Methodist Hospital. September 2011.

Treatment of venous thromboembolism. Houston Methodist Hospital Pharmacy Student Lectures. Recurring for 2012.

Intro to Residency: How to find your match. University of Houston College of Pharmacy, Student Society of Health-System Pharmacists. October 2011 and 2012

Pharmacy implications with enteral nutrition [CE Presentation]. Houston Methodist Hospital. October 2011.

Treatment of venous thromboembolism [CE Presentation]. Houston Methodist Hospital. April 2011.

A Review of vasopressors. Medical ICU Nursing Department – Houston Methodist Hospital. November 2010.

Aztreonam inhaled (Cayston®): A novel inhaled therapy. Respiratory Care Fall Seminar 2012 – Houston Methodist Hospital. October 2010.

Respiratory treatments in cystic fibrosis. Pharmacy Forum – Houston Methodist Hospital. September 2010.

Anticoagulation with fondaparinux (Arixtra®). Nursing Department – VA Boston. February 2010.

The role of statins in preventing cerebral vasospasm. Clinical Pharmacy Meeting – Boston Medical Center. October 2009.

A Closer look at clopidogrel: triple therapy, drug interactions and future uses. Boston Healthcare for the Homeless Meeting. October 2009.

Ethylene glycol overdose. Clinical Pharmacy Meeting - Lahey Clinic. July 2009.

Cost-effectiveness of aliskiren versus lisinopril as treatment in mild to moderate hypertensive patients in the reduction of blood pressure over eight weeks: A third-party payers perspective. Northeastern University School of Pharmacy. April 2009.

MEDIA REQUESTS & PODCASTS

Amiodarone v. Lidocaine for Ventricular Arrhythmias: Versus Series. Pharmacy to Dose Podcast. July 2023
Available online: <https://pharmacytodose.com/2023/07/20/amiodarone-v-lidocaine-versus-series-references/>

The Adaptable Trial. CardioScripts – A Cardiology Pharmacy Podcast. June 2021
Available online: <https://cardioscripts.com/blog-feed/>

Mere presence of pharmacy dropbox seems to make a difference. American Pharmacists Association Pharmacy Today. February 2021. <https://doi.org/10.1016/j.ptdy.2021.01.016>
Available online: [https://www.pharmacytoday.org/article/S1042-0991\(21\)00018-9/fulltext#relatedArticles](https://www.pharmacytoday.org/article/S1042-0991(21)00018-9/fulltext#relatedArticles)

Ventricular Arrhythmias. Pharmacy to Dose Podcast. July 2020.
Available online: <https://pharmacytodose.com/2020/07/26/ventricular-arrhythmias-show-notes/>

Fighting the flu: tips to reduce the cost of a Tamiflu prescription. KHOU11 CBS Houston. February 12, 2018.
Available online: <http://www.khou.com/article/news/health/tips-to-reduce-the-cost-of-a-tamiflu-prescription/285-517941686>

The First Year of Pharmacy Practice. Society of Critical Care Medicine CPP Section Education Committee Podcast.
Available online: <https://goo.gl/EyvyqK>

New Pharmacy Practitioner Spotlight. American Society of Health-System Pharmacists. October 2013.
Available online: <http://www.ashp.org/DocLibrary/MemberCenter/NPF/Spotlight/Matthew-Wanat.pdf>

Is Dexmedetomidine really cost effective? Pharmacy Practice News. December 14, 2012. Available online: http://www.pharmacypracticenews.com/ViewArticle.aspx?d=Clinical&d_id=50&i=December+2012&i_id=912&a_id=22284

EDITORIAL SERVICES

American Journal of Pharmacy Education (AJPE)

Editorial Board Member	July 2019 - present
Webinar Task Force	September 2021 - 2022
Lyman Award Selection Task Force	September 2020 - 2021
Peer Reviewer Quality Task Force	October 2019 – July 2020

National Association of Boards of Pharmacy, Chicago, IL

PCOA Examination Item Writer	2013 - Present
NAPLEX Examination Item Writer	

Board of Pharmaceutical Specialties

Board Certified Pharmacotherapy (BCPS) Exam Item Writer	Ad-hoc
Board Certified Critical Care Pharmacist (BCCCP) Exam Item Writer	Ad-hoc

Society of Critical Care Medicine

Society of Critical Care Medicine Advanced Pharmacotherapy Prep Series	January 2022
Virtual Critical Care Rounds (VCCR) Module Editor	January 2020 - 2022
Advanced Knowledge Assessment, Adult – Exam Item Writer	Spring 2014 - 2017

American Society of Health-System Pharmacists

Intensive Studies for Board Certification (Field tester)	2019 - present
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Texas Society of Health-System Pharmacists

Editorial Advisory Board	June 2013 – June 2016
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Society of Critical Care Medicine – Texas Chapter

Editor - SCCM Texas Chapter Critical Care Newsletter	November 2012 – March 2016
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Vascular Health and Risk Management

Consulting Editor	June 2015 – 2018
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American College of Clinical Pharmacy (ACCP)

Critical Care Standard Setting Panel	2017 - 2023
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58 different chapters/modules within the Critical Care (BCCCP) and Pharmacotherapy (BCPS) self-assessment educational programs

Critical Care Self-Assessment Program (CCSAP) – Literature Evaluation and Grading (peer-reviewer)	Fall 2021
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Critical Care Self-Assessment Program (CCSAP) – Acute GI Bleeding (peer-reviewer)	Fall 2013
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Abstract/Continuing Education Peer Reviewer

Academy Health Annual Meeting	January 2021 - Present
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American Association of Colleges of Pharmacy Annual Meeting	Spring 2018 - Present
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American College of Cardiology Annual Congress	Fall 2017 - Present
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Society of Critical Care Medicine Annual Congress	Fall 2016 - Present
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Pharmacy Times Continuing Education	September 2020
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Texas Society of Critical Care Medicine Annual Symposium	Fall 2013, 2019
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Texas Society of Health-System Pharmacists Annual Meeting	Spring 2013 - Present
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ASHP Midyear Meeting – (Critical Care/Anticoagulation)	Fall 2011 - Present
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Journal Peer Reviewer (Ad-hoc -12 reviews per year)

Advances in Pharmacological Sciences	2010 - present
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American Journal of Health-System Pharmacy (AJHP)	
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American Journal of Pharmaceutical Education (AJPE)	
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Annals of Pharmacotherapy	
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British Journal of Clinical Pharmacology	
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Currents in Pharmacy Teaching and Learning	
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Clinical and Applied Thrombosis and Hemostasis	
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Clinical Medicine Insights: Case Reports	
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Clinical Pharmacology: Advances and Applications	
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Federal Practitioner	
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Integrated Pharmacy Research and Practice	
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International Journal of General Medicine
 International Medical Case Reports Journal
 Journal of Health-System Pharmacy Residents
 Journal of Multidisciplinary Healthcare
 Journal of Pharmacy Practice
 Journal of Pharmacy Technology
 Pediatric Quality and Safety
 Pharmacotherapy
 Postgraduate Medicine
 Research Reports in Clinical Cardiology
 Texas Society of Health-System Pharmacists
 Therapeutics and Clinical Risk Management
 Vascular Health and Risk Management

ADDITIONAL LEADERSHIP ACTIVITIES

Student Society of Health-System Pharmacists, University of Houston Clinical Skills Competition Judge	2013 - present
<i>American Academy of Managed Care Pharmacy, University of Houston, Houston, TX</i> Competition Judge – Pharmacy and Therapeutics Competition	2014-2018, 2021, 2022
Walmart Scholars Program – American Association of College of Pharmacy Mentor – Tyler Kiles, PharmD	July 2019
<i>PLS Leadership Society</i> Mock Interviews and CV Review	Fall 2017 - present
<i>University of Houston</i> PALS Mentor (undergraduate mentor)	2015-2017
<i>University of Houston College of Pharmacy, Houston, TX</i> Teaching Squares – Faculty Peer Evaluation Group	2014
<i>High School Science and Engineering Fair of Houston, Houston, TX</i> Judge – Science Fair	February 2014
<i>University of Houston/Texas South University College of Pharmacy</i> Residency Mentoring Social – Resident Participant	January 2012 January 2011
<i>Texas Society of Health-System Pharmacists</i> Student Mentor Program	November 2011 - 2015
<i>University of Houston, Phi Lambda Sigma Leadership Challenge 2011</i> Roundtable Moderator	October 2011
<i>Texas Medical Center Pharmacy Residency Council</i> Pharmacy Council Co-Chair	June 2011 – July 2012
<i>School of Pharmacy, Northeastern University, Boston, MA</i>	April 2007 – May 2010

Vice President, Class of 2010

School of Pharmacy, Northeastern University, Boston, MA
Pharmacy Leadership Retreat

October 2009

Northeastern University, Boston, MA
Vice President – Class Council 2009

September 2004 – April 2005

RESIDENTS-STUDENTS-FELLOWS PRECEPTED & MENTORED

Fellowship in Academic Pharmacy (Program Director)

Erin Anderson, PharmD (current fellow)	2023 – present
Koren Dunn, PharmD (current fellow)	2023 - present
Aayna Shamsi, PharmD (now Clinical Assistant Professor at Univ. of Houston)	2022 - 2023
Asish Biju, PharmD (now Clinical Assistant Professor at UIC)	2021 - 2022
Christene Michelle DeGracia, PharmD (now Clinical Assistant Professor at UMKC)	2021 - 2022
Alaa Abdelhakiem, PharmD (now Clinical Assistant Professor at UT El Paso)	2020 - 2021
Rania El-Desoky, PharmD (now Clinical Assistant Professor at Univ. of Houston)	2020 - 2021
Rosalyn Reese, PharmD (now Clinical Assistant Professor at Xavier)	2019 - 2020
Celine Zhong, PharmD (now Clinical Assistant Professor at Texas Tech)	2019 - 2020
Tyler Kiles, PharmD (now Clinical Assistant Professor at Univ. of Tennessee)	2018 - 2019
Parna Haghparast, PharmD (now Clinical Assistant Professor at West Coast Univ)	2018 - 2019
Joshua Wollen, PharmD (now Clinical Assistant Professor at Univ. of Houston)	2018 - 2019

Postgraduate/PhD Trainee Research Mentorship

Luna Shi, PharmD – Thesis Project Advisor (chair)	2023 - present
Alia Altaie, PharmD - PREMIER Center Fellow Advisor	2022 - 2023
Alfred Awuah, PharmD – Thesis Project Advisor (chair)	2022 - 2023
Greissy Jerezano, PharmD – Residency Research Project Advisor (chair)	2022 - 2023
Nathan Jones, PharmD – Thesis Project Advisor (chair)	2021 - 2022
Harshil Patel, PharmD – PREMIER Center Fellow Advisor	2021 - 2022
Randa Al-Saadi, PharmD – PREMIER Center Fellow Advisor	2021 - 2022
Carine Opsomer, PharmD – Residency Research Project Advisor (chair)	2021 - 2022
Soham Yande – Dissertation Committee (member)	2020 - 2022
Anjana Mohan – Dissertation Committee (member)	2020 - 2022
Rania El-Desoky, PharmD - Fellowship Research Project Advisor (faculty)	2020 - 2021
Rachel Harvey, PharmD – Residency Research Project Advisor (chair)	2020 - 2021
Justin Babino, PharmD - Thesis Project Advisor (chair)	2020 - 2021
Gloria Lee, PharmD – Thesis Project Advisor (chair)	2019 - 2020
Celine Zhong, PharmD – Fellowship Research Project Advisor (faculty)	2019-2020
Parna Haghparast, PharmD, BCPS – Fellowship Research Project Advisor (chair)	2018 - 2019
Mohammad Qasim Adil, PharmD – Residency Research Project Advisor (chair)	2018 - 2019
Elizabeth Villanueva, PharmD – Thesis Project Advisor (chair)	2018 - 2019
Amanda Grego, PharmD – Thesis Project Advisor (chair)	2016 – 2017
Claire McClain, PharmD – Special Projects Course (faculty)	Fall 2016
Laura Barbre Stokes, PharmD – Thesis Committee (faculty)	2016 - 2017
Jason Mersek, PharmD – Residency Research Project Advisor (chair)	2016 - 2017

Pharmacy Residents Precepted (66)

Raymond Thai, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	September 2023
Mario Gutierrez, PharmD - Michael E. DeBakey VAMC PGY1 Resident – Academia Rotation	April 2023
Aliya Abdulla, PharmD – Houston Methodist Hospital PGY1 Resident – Academia Rotation	April 2023
Mackenzie Warner, PharmD - Baylor St. Luke’s PGY2 Cardiology Resident – Academia Rotation	April 2023
Mario Gutierrez, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	March 2023
Orelon Osei, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	November 2022
Khushbu Patel, PharmD - Michael E. DeBakey PGY2 Amb Care Resident - Academia Rotation	April 2022
Ahmaya Mustafa, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2021
Maiah Hardin, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2021
Bria Wates, PharmD - Michael E. DeBakey PGY2 Amb Care Resident - Academia Rotation	April 2021
Alaina Rice, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	April 2021
Noelle Cordova, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	January 2021
Jessie Ho, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2020
Khushbu Patel, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2020
Linh Nguyen, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	March 2020
Jonathan Patterson, PharmD - Baylor St. Luke’s PGY1 Resident – Academia Rotation	January 2020
Fiona Imarhia, PharmD - Michael E. DeBakey PGY2 Amb Care Resident - Academia Rotation	January 2020
Shannon Dahlgren, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	November 2019
An Dieu, PharmD - Baylor St. Luke’s PGY1 Resident – Academia Rotation	October 2019
Linh Nguyen, PharmD - Baylor St. Luke’s Medical Center PGY1 Resident – Academia Rotation	October 2019
Fiona Imarhia, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	May 2019
Chandler Schexnayder, PharmD – Michael E. DeBakey VA PGY2 Amb Care– Academia Rotation	April 2019
Isabel Won, PharmD – Baylor St. Luke’s Medical Center PGY1 Resident – Academia Rotation	April 2019
Alan Moyer, PharmD – Michael E. DeBakey VAMC PGY2 Admin Resident – Academia Rotation	April 2019
Trenton Vu, PharmD - Baylor St. Luke’s Medical Center PGY2 Critical Care Resident – Academia	January 2019
Kevin Lei, PharmD - Baylor St. Luke’s Medical Center PGY2 Critical Care Resident – Academia	October 2018
Chelsea Krueger, PharmD - MD Anderson Cancer PGY2 Critical Care Resident – CCU Rotation	June 2018
Oluchi Emelogu, PharmD – Michael E. DeBakey VAMC PGY2 Amb Care Resident – Academia Rotation	April 2018
Marcy Pilate, PharmD – Michael E. DeBakey VAMC PGY2 Admin Resident – Academia Rotation	April 2018
Kevin Lei, PharmD – Baylor St. Luke’s Medical Center PGY1 Resident – Academia Rotation	April 2018
Klay Ryman, PharmD – MD Anderson Cancer Center PGY2 Critical Care Resident – CCU Rotation	March 2018
Demaorian Mitchner, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	March 2018
Priyam Patel, PharmD – Baylor St. Luke’s Medical Center PGY2 Cards Resident – Academia	February 2018
Okiki Arojo, PharmD – Baylor St. Luke’s Medical Center PGY2 Critical Care Resident – Academia	January 2018
Chandler Schexnayder, PharmD, Michael E. DeBakey VA PGY1 Resident – Academia Rotation	January 2018
Heather Rozea, PharmD - Michael E. DeBakey VAMC PGY1 Resident – Academia Rotation	January 2017
Heather Rozea, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	November 2017
Kelsie Stark, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2017
Amanda Holyk, PharmD – Houston Methodist Hospital Critical Care Resident - Academia	June 2017
Anne Jones, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	June 2017
Amanda Shigle, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	May 2017
Elisabeth Sulaica, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	May 2017
Emily Van Klompenburg, PharmD - VAMC PGY2 Amb Care Resident – Academia Rotation	April 2017
Anne Jones, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	April 2017
Katie Athern, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	April 2017
Amanda Shigle, PharmD - Michael E. DeBakey VAMC PGY1 Resident - CCU Rotation	March 2017
Emily Van Klompenburg, PharmD - VAMC PGY2 Amb Care Resident – Academia Rotation	January 2017
Quyen Dao, PharmD – CHI St. Luke’s Health PGY2 Cardiology Resident – Academia Rotation	October 2016
Brooke Herndon, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	June 2016

Katherine Smith, PharmD - VAMC PGY2 Amb Care Resident – Academia Rotation	April 2016
Jessica Gardea, PharmD - Michael E. DeBakey VAMC PGY1 Resident – CCU Rotation	March 2016
Ellen Yin, PharmD, BCPS – CHI St. Luke’s Health PGY2 Cardiology Resident – Academia Rotation	January 2016
Jason Mersek, PharmD – Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2015
Jessica Gardea, PharmD – Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2015
Sara Wettergreen, PharmD - Michael E. DeBakey VAMC PGY1 Resident - CCU Rotation	March 2015
Ardath Mitchell, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	January 2015
Elizabeth Flatley, PharmD - VAMC PGY2 Amb Care Resident – Academia Rotation	January 2015
Katherine Smith, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2014
Sara Wettergreen, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2014
Anne Nguyen, PharmD - Michael E. DeBakey VAMC PGY1 Resident - CCU Rotation	June 2014
Jenn Nguyen, PharmD –VAMC PGY2 Amb Care Resident – Academia Rotation	April 2014
Chester Ashong, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	April 2014
Joy Chou, PharmD - Michael E. DeBakey VAMC PGY1 Resident - CCU Rotation	March 2014
Kathleen Sheehan, PharmD - Michael E. DeBakey VAMC PGY1 Resident - CCU Rotation	November 2013
Joy Martindale, PharmD - Michael E. DeBakey VAMC PGY1 Resident - Academia Rotation	October 2013
Christine Aguilar, PharmD – Michael E. DeBakey VAMC PGY1 Resident - CCU Rotation	April 2013

PharmD Students Precepted (6-week rotations) (75)

Jennifer Lee – Cardiac ICU	Fall 2023
Andrew Jiang – Cardiac ICU	Summer 2023
May Vorarath – Cardiac ICU	Summer 2023
Will Chollett – Cardiac ICU	Spring 2023
Reena Cherian – Cardiac ICU	Spring 2023
Mi Nguyen – Cardiac ICU	Fall 2022
Nick Palma – Cardiac ICU	Fall 2022
Rudy Saenz – Cardiac ICU	Summer 2022
Andy Dang – Cardiac ICU	Summer 2022
Dena Thach – Cardiac ICU	Spring 2022
Erin Montejo – Cardiac ICU	Spring 2022
Varsha Poddar - Cardiology	Fall 2021
Cullen Friday – Cardiology	Fall 2021
Sourab Ganna – Cardiac ICU	Summer 2021
Sarah Zeidat – Cardiac ICU	Summer 2021
Dat Nguyen – Cardiac ICU	Spring 2020
Nathan Du – Cardiac ICU	Spring 2020
Darian Allen – Cardiac ICU	Fall 2019
Sara Osman – Cardiac ICU	Fall 2019
Brian Ho - Cardiology	Summer 2019
Callie Downs – Cardiology	Summer 2019
Mattie Talley – Cardiac ICU	Spring 2019
Ashley Kwan – Cardiac ICU	Spring 2019
Ibrahim Chowdhury – Cardiac ICU	Fall 2018
Bao Nguyen – Cardiac ICU	Fall 2018
Kristofer Rice – Cardiac ICU	Summer 2018
Thien-Song Diep – Cardiac ICU	Summer 2018
Matt Bactdad – Cardiac ICU	Summer 2018
Larry Nguyen – Cardiac ICU	Summer 2018
Amy Kiley – Cardiac ICU	Spring 2018
Gifty Gyebi – Cardiac ICU	Spring 2018

Manal El-Khalil – Cardiac ICU	Fall 2017
William Giang – Cardiac ICU	Fall 2017
Katrina Watson – Cardiac ICU	Summer 2017
Casey Vauters – Cardiac ICU	Summer 2017
Alan Gracia – Cardiac ICU	Summer 2017
Grace Hwang, Cardiac ICU	Summer 2017
Amanda Nguyen – Cardiac ICU	Spring 2017
Susan Lowrie – Cardiac ICU	Spring 2017
Jared Moore – Cardiac ICU	Fall 2016
Rose Cherian – Cardiac ICU	Fall 2016
Thao Le – Cardiac ICU	Summer 2016
David Pham – Cardiac ICU	Summer 2016
James Roperes – Cardiac ICU	Spring 2016
Katherine Williams – Cardiac ICU	Spring 2016
Nghi Bui – Cardiac ICU	Fall 2015
Ron Le – Cardiac ICU	Fall 2015
Fenil Patel – Cardiac ICU	Summer 2015
Elisabeth Sulaica – Cardiac ICU	Summer 2015
Sunny Bhakta – Cardiac ICU	Summer 2015
Emily Rapesak – Cardiac ICU	Summer 2015
Amanda Woods – Cardiac ICU	Spring 2015
Jacob Cammarata – Cardiac ICU	Spring 2015
Minh Nguyen – Cardiac ICU	Fall 2014
Haruna Kato – Cardiac ICU	Fall 2014
Belinda Zhou – Cardiac ICU	Fall 2014
Noelle Nassri – Cardiac ICU	Fall 2014
Daniel Nguyen – Cardiac ICU	Summer 2014
Monica Lee – Cardiac ICU	Summer 2014
Martin Newton – Cardiac ICU	Spring 2014
Tanya Shie – Cardiac ICU	Spring 2014
Mariane Pham – Cardiac ICU	Fall 2013
Jennifer Parma – Cardiac ICU	Fall 2013
Melanie Laine – Cardiac ICU	Summer 2013
Van Hoang – Cardiac ICU	Summer 2013
Vu Ta – Cardiac ICU	Summer 2013
Patty Wu – Cardiac ICU	Summer 2013
Lauren Johnson – Medical ICU	Spring 2012
Dylan Austin – Surgical ICU (co-preceptor)	Fall 2011
Christopher Bui – Cardiovascular Surgery ICU (co-preceptor)	Summer 2011
Nancy Kang - Infectious Diseases (co-preceptor)	Spring 2011
Dana Smith - Infectious Diseases (co-preceptor)	Spring 2011

PROFESSIONAL MEMBERSHIPS

Academy Health	April 2020 - Present
International Society of Thrombosis and Hemostasis	July 2018 - Present
Phi Lambda Sigma Pharmacy Leadership Society	March 2014 - Present

American College of Cardiology	February 2013 - Present
American Association of Colleges of Pharmacy	November 2011 - Present
Society of Critical Care Medicine	August 2011 - Present
American College of Clinical Pharmacy	April 2011 - Present
Texas Society of Health-System Pharmacists	January 2011 - Present
Texas Society of Critical Care Medicine	June 2010 - Present
American Society of Health-System Pharmacists	February 2009 - Present
Kappa Sigma Fraternity	September 2004 – Present

References available upon request
