Elisabeth M. Wang, PharmD, BCCP

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Professional Experience

May 2019-Present	**Cardiology Clinical Pharmacy Specialist** Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX Supervisor: Neena John, PharmD
August 2018-Present	**Clinical Assistant Professor** University of Houston College of Pharmacy, Houston, TX Supervisor: Kevin Garey, PharmD, MS, FASHP
July 2017-June 2018	**Clinical Staff Pharmacist** University of Kentucky HealthCare, Lexington, KY Clinical staffing Supervisor: Tracy E. Macaulay, PharmD, AACC, BCPS (AQ-Cardiology), BCCP
July 2016-June 2017	**Clinical Staff Pharmacist** Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX Inpatient, Outpatient, and Clinical staffing Supervisor: Richard Cadle, PharmD, BCPS (AQ-ID), FASHP
June 2013-June 2016	**Certified Pharmacy Technician (CPhT)** H-E-B Pharmacy #563, Sugar Land, TX Supervisor: Rick Hollis, RPh

Education and Training

2017-2018	**PGY-2 Cardiology Pharmacy Resident** University of Kentucky HealthCare, Lexington, KY Program Director: Tracy E. Macaulay, PharmD, AACC, BCPS (AQ-Cardiology)
2016-2017	**PGY-1 Pharmacy Practice Resident** Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX Program Director: Richard Cadle, PharmD, BCPS (AQ-ID), FASHP
2012-2016	**Doctor of Pharmacy** University of Houston College of Pharmacy, Houston, TX Summa Cum Laude
2008-2012	**Bachelor of Science in Nutritional Science** Texas A&M University, College Station, TX Summa Cum Laude

Licensures and Certifications

Licensure

July 2016-Present	Pharmacist License No. 58601 Texas State Board of Pharmacy
June 2017-February 2019	Pharmacist License No. 019237 Kentucky State Board of Pharmacy

Certifications

June 2021-Present	Adult Mental Health First Aid USA National Council for Behavioral Health
July 2019-Present	Board Certified Cardiology Pharmacist Board of Pharmacy Specialties
August 2017-Present	Residency Teaching Certificate Program American Society of Health-System Pharmacists
August 2017-Present	Pediatric Advance Life Support (PALS) Provider American Heart Association
October 2016-Present	Advanced Cardiovascular Life Support (ACLS) Provider American Heart Association
August 2016-Present	Residency Teaching Certificate Program University of Houston College of Pharmacy
July 2014-Present	American Pharmacists Association (APhA) Medication Therapy Management Certification University of Houston College of Pharmacy
May 2014-Present	APhA Pharmacy-Based Immunization Certification University of Houston College of Pharmacy
May 2014-Present	Cardiopulmonary Resuscitation/BLS Certification American Heart Association

Peer Reviewed Publications

Garner M, Dayeh SA, Cecchi AC, Miyake CC, Huff V, Wanat M, **Wang E,**….Prakash SK. The UTHealth Houston Cardiovascular Genomics Certificate Program: Online On-demand Genetic Training for Clinicians. *In Progress.*

Wang EM, Varisco TJ, Thornton JD, Varkey DA, Wanat MA. Student-led Podcasts to Enhance Literature Evaluation Skills and Critical Thinking. *Submitted 3 May 2023 to Curr Pharm Teach Learn.*

Imarhia FI, **Sulaica EM,** Varisco T, Pilate M. Evaluation of the Effectiveness and Safety of Alirocumab Use in Statin-Intolerant Veterans. Fed Pract. 2021 Nov;38(Suppl 4):e67-e71.

Brouwers S, Sudano I, Kokubo Y, **Sulaica EM.** Arterial hypertension. Lancet. 2021 Jul; 398(10296):249-61. doi: 10.1016/S0140-6736(21)00221-X. PMID: 34019821.

Lopez CN, **Sulaica EM,** Donahue KR, Wanat MA. Updates in Hemodynamic Monitoring: A Review for Pharmacists. J Pharm Pract 2021 Mar; doi: 10.1177/08971900211003436. PMID: 33769132.

Nguyen D, Du N, **Sulaica EM**, Wanat MA. Bempedoic acid: a new drug for an old problem. Ann Pharmacother. 2021 Feb;55(2):246-51. doi: 10.1177/1060028020941083. PMID: 32674598.

Kelly MS, **Sulaica EM,** Beavers CJ. Role of Bempedoic Acid in Dyslipidemia. J Cardiovasc Pharmacol. 2020 Oct;76(4):376-88. doi: 10.1097/FJC.0000000000000887. PMID: 32732494.

Sulaica EM, Asias-Dinh B, Wanat MA, Birtcher KK. Is There Still A Role for Aspirin in Primary Prevention in Women in 2020? Curr Atherosler Rep 2020 Jun; doi: 10.1007/s11883-020-00851-x. PMID: 32556683.

Wanat MA, Varkey DA, **Sulaica EM,** Thornton KA, Thornton D. Does Social Desirability Influence Preceptors Completion of Student Experiential Evaluations? AJPE. 2020 Mar; doi: https://doi.org/10.5688/ajpe7949.

Sulaica EM, Wollen JT, Kotter J, Macaulay TE. A Review of Hypertension Management in Black Male Patients. Mayo Clin Proc. 2020 Apr;S0025-6196(20)30050-1. doi: 10.1016/j.mayocp.2020.01.014. PMID: 32276785.

Sulaica EM, Macaulay TE, Helbing RR, Abo-Aly M, Abdel-Latif A, and Wanat MA. A comparison of anticoagulation, antiplatelet, and placebo treatment for patients with heart failure reduced ejection fraction in sinus rhythm: a systematic review and meta-analysis. Heart Fail Rev. 2020 Mar;25(2):207-216. doi: 10.1007/s10741-019-09818-w. PMID: 31256317.

Sulaica EM, Wanat MA, and Macaulay TE. Clinical Considerations Prior to Transition From Triple Antithrombotic Therapy to Dual Antithrombotic Therapy. JAMA Cardiology. 2019 Dec; doi:10.1001/jamacardio.2019.4542. PMID: 31799985.

Succar L, **Sulaica EM**, Donahue KR, and Wanat MA. Management of Anticoagulation with Impella® Percutaneous Ventricular Assist Devices and Review of New Literature. J Thromb Thrombolysis. 2019 Aug;48(2):284-291. doi: 10.1007/s11239-019-01837-6. PMID: 30877619.

Sulaica E, Han T, Trivedi M, and Niravath P. Vaginal estrogen products in hormone receptor-positive breast cancer patients on aromatase inhibitor therapy. Breast Cancer Res Treat. 2016 Jun;157(2):203-210. doi: 10.1007/s10549-016-3827-7. PMID: 27178335.

Non-Peer Reviewed Publications

McCann J, **Sulaica E**, Taylor S. Patient-Specific Considerations and Clinical Pearls: Applying the 2017 Guidelines for the Prevention, Detection, Evaluation and Management of High Blood Pressure in Adults. *The Kentucky Pharmacist* 2018;13(4):23-28.

Book Chapters & Educational Modules

Wang EM, Finks SW**.** Blood Pressure Management in Adult Patients. In: 2023 ACCP/ASHP Cardiology Pharmacy Preparatory Review and Recertification Course. *Accepted.*

Varkey DA, **Sulaica EM.** Intervention Research in Pharmacy Settings. In: Aparasu R, Bentley J, Pate A, et. *Student Handbook For Pharmacy Practice Research: A Companion Book to Conduct Practice-Based Research in Pharmacy.* McGraw Hill. 2022.

Wanat MA, **Sulaica EM**. Aspirin Therapy for Primary Prevention of Cardiovascular Disease. American College of Cardiology; June 2019. Available online at: https://www.acc.org/education-and-meetings/patient-case-quizzes/2019/06/14/08/27/aspirin-therapy-for-primary-prevention-of-cvd.

Sulaica EM. A Pharmacological Approach to Tobacco Cessation in a Patient with Cardiovascular Disease. American College of Cardiology; April 2019. Available online at: https://www.acc.org/education-and-meetings/patient-case-quizzes/2019/04/04/08/09/a-pharmacological-approach-to-tobacco-cessation-in-a-patient-with-cv-disease.

Peer-Reviewed Abstracts

Wanat M, Thornton D, Varisco T, **Sulaica EM.** Student-led Podcasts to Enhance Literature Evaluation and Critical Thinking in a Pharmacy Led Program. Presented at 2023 Critical Care Congress; San Francisco, CA.

Pham T, Nguyen P, Elder D, Wanat MA, Helbing RR, **Wang EM.** Efficacy and Safety of Aspirin and P2Y12 Inhibitors as Single Antiplatelet Therapy in Patients with Acute Coronary Syndrome: A Systematic Review. Presented at Midyear Clinical Meeting 2022; Las Vegas, NV.

Nguyen Tran, 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. Presented at Midyear Clinical Meeting 2021; Virtual Presentation.

Patel P, Al Shaikhli H, Varkey D, Wanat MA, **Wang EM.** Pharmacy Student Perception of Transitions of Care. Presented at Midyear Clinical Meeting 2021; Virtual Presentation.

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 (ECMO): A Systematic Review. Presented at Midyear Clinical Meeting 2021; Virtual Presentation.

Anderson E, Wanat MA, Beavers C, Helbing RR, **Wang EM.** Systematic Review of Anticoagulation in Patients with Atrial Fibrillation and End-Stage Renal Disease. Presented at Midyear Clinical Meeting 2021; Virtual Presentation.

Lu J, **Sulaica EM,** Wanat MA. A systematic review of statins for migraine prevention. Presented at Midyear Clinical Meeting 2020; Virtual presentation.

Kabbani R, Wanat MA, Macaulay TE, Helbing RR, **Sulaica EM.** Evaluating the efficacy and safety of direct oral anticoagulants in left ventricular thrombus: a systematic review. Presented at Midyear Clinical Meeting 2019; Las Vegas, NV.

Lee J, Pilate M, Jimenez B, **Sulaica EM**, Garey K. Implementation of a unit-specific medication override list and restructured inpatient pharmacy workflow to reduce medication overrides. Presented at Midyear Clinical Meeting 2019; Las Vegas, NV.

Irmarhia F, **Sulaica EM,** Varisco T, and Pilate M. Evaluation of the Efficacy and Safety of Alirocumab Use in Statin Intolerant Veterans. Presented at Midyear Clinical Meeting 2019; Las Vegas, NV.

Wanat MA, **Sulaica EM**, Gillette M, and Denktas A. Fondaparinux in patients with heparin-induced thrombocytopenia and dialysis; a case report, and systematic review of available literature. Presented at the International Society on Thrombosis and Haemostasis conference, Melbourne Australia. July 2019.

Sulaica EM, Schenk A, Ziada K, and Macaulay T. Retrospective comparison of the DAPT and PRECISE-DAPT scores after acute coronary syndromes. Presented at American College of Cardiology 67th Annual, Orlando FL. Mar 2018.

Sulaica EM, Bird S, Raheem S. Incidence of delirium and evaluation of risk factors in a critically-ill veteran population at the Michael E. DeBakey Veterans Affairs Medical Center. Presented at ALCALDE Southwest Leadership Conference; 7 Apr 2017; Galveston, TX.

Wanat MA, **Sulaica EM**, Gillette M, and Denktas A. Fondaparinux in patients with heparin-induced thrombocytopenia and dialysis; a case report, and systematic review of available literature. Presented at the International Society on Thrombosis and Haemostasis conference, Melbourne Australia. July 2019.

Sulaica EM, Schenk A, Ziada K, and Macaulay T. Retrospective comparison of the DAPT and PRECISE-DAPT scores after acute coronary syndromes. Presented at American College of Cardiology 67th Annual, Orlando FL. Mar 2018.

Sulaica EM, Bird S, Raheem S. Incidence of delirium and evaluation of risk factors in a critically-ill veteran population at the Michael E. DeBakey Veterans Affairs Medical Center. Presented at ALCALDE Southwest Leadership Conference; 7 Apr 2017; Galveston, TX.

Grant Funding

Texas Health and Human Services (via Substance Abuse and Mental Health Services Administration)

August 2018-September 2024 PI: Douglas Thornton
Role: Collaborator – creation of educational content
Total Award: $10,251,276/6 years

University of Houston Teaching Innovation Program Grant (TIPS)

September 2021-August 2022 — PI: Matthew Wanat
Co-PI: **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)

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)

Teaching Experience

University of Houston College of Pharmacy, Houston, TX

	<u>Integrated Cardiovascular I Module – Course Co-coordinator</u>
Spring 2020-Present	Therapeutics of Ischemic Heart Disease
Spring 2020-Present	Therapeutics of OTC for Primary Cardiac Prevention
Spring 2020-Present	Therapeutics of OTC for Cardiac Medications
	<u>Integrated Cardiovascular II Module</u>
Spring 2020-Present	Acute Coronary Syndromes
Spring 2020-Present	Arrhythmias – EKGs for Pharmacists
Spring 2020-Present	Atrial Arrhythmias
Spring 2020-Present	Ventricular Arrhythmias
Spring 2020-Present	Pericarditis
Fall 2019-Present	<u>Literature Evaluation/Research Design/Statistics/Epidemiology</u>
	Case-Control Studies
	<u>Critical Care Therapeutics – Course Co-coordinator</u>
Summer 2019	Critical Care Therapeutics Skills Lab Facilitator (8 hours/semester)
Summer 2019-Present	Advanced Cardiovascular Life Support
Spring 2021-Present	Refractory Ventricular Arrhythmias
	<u>Patient Assessment – Course Co-coordinator</u>
Spring 2019	Patient Assessment Skills Lab Facilitator (30 hours/semester)
Spring 2019-Present	Vitals
	<u>Self-Care and OTC Products</u>
Spring 2019-Present	OTC Cardiovascular Medications
Spring 2019-Present	Weight Loss
Spring 2021-Present	<u>Complex Problems</u>
	Systematic Approaches to Problem Solving Complex Problems
	<u>Advanced Therapeutics III</u>
Spring 2019-Spring 2020	Therapeutics Skills Lab Facilitator
Spring 2019-Spring 2020	Atrial Arrhythmias
Spring 2019-Spring 2020	Ventricular Arrhythmias
	<u>Integrated Cardiovascular I Module – Course Co-coordinator</u>
Spring 2020-Present	Therapeutics of Ischemic Heart Disease
Spring 2020-Present	Therapeutics of OTC for Primary Cardiac Prevention

Spring 2020-Present	Therapeutics of OTC for Cardiac Medications

University of Kentucky College of Pharmacy, Lexington, KY

	Cardiology Module
Spring 2018	Advanced Cardiovascular Life Support (P2 and P3 Classes)
Spring 2018	Advanced Cardiovascular Life Support Skills Lab Facilitator (P2 and P3 Classes)
	PPS 957
Fall 2017	Transitions of Care Activity

Texas Southern University College of Pharmacy, Houston, TX

Fall 2016	Pharmacy Practice III – Special Populations
	Obesity self-care

Invited & Continuing Education Presentations

Wang EM. Opioid Stewardship. The Texas Society of Health-System Pharmacists. *Pending Review*.

Wang EM. Heart Failure and Preserved Ejection Fraction Updates. The Texas American College of Cardiology. October 2022.

Wang EM, Wanat MA. Don't Go Breaking My Heart!! Updates in Heart Failure Therapy. The Texas Society of Health-System Pharmacists. May 2022.

Sulaica EM. Opioids and Cardiovascular Disease. The Texas Society of Health-System Pharmacists. May 2021.

Sulaica EM. Systems-Based Approaches to Appropriate Use of DOAC Reversal, Management of Bleeding, and Reinitiating Anticoagulation. North American Thrombosis Forum. March 2021.

Sulaica EM. Inotropic Agents in Heart Failure: A Pharmacologic Perspective. The Texas American College of Cardiology. October 2019.

Local Presentations

Wang EM. PREMIER Center Systematic Review Workshop. University of Houston College of Pharmacy PREMIER Center. July 2023.

Sulaica EM. Become a Systematic Review Expert in 60 Minutes (or Less!). University of Houston College of Pharmacy - Pharmacy Practice and Translational Research Seminar. November 2020.

Media

CardioScripts Podcast, Co-Host

October 2019-Present - In collaboration with ACCP Cardiology PRN
Website: https://cardioscripts.com/
Apple Podcast: https://podcasts.apple.com/us/podcast/cardioscripts-podcast/id1483552032

Other

Top Cardiology Trials with CardioScripts. Pharmacy to Dose Podcast: The Critical Care Podcast. March 2023.
Available online: https://podcasts.apple.com/us/podcast/pharmacy-to-dose-the-critical-care-podcast/id1479298456
UH Student Wellness and Advisory Committee Failing Forward Series (Episode 4)
Available online: https://www.youtube.com/watch?v=bx3Iih5bAnM

University and Professional Service

University of Houston College of Pharmacy, Houston, TX

Fall 2021-Present	Curriculum Committee (Chair)

Fall 2021-Present	Assessment Committee (Ex-officio)
Fall 2021-Present	Faculty Development Committee (Ex-officio)
Fall 2019	Institutional Advance Practice Pharmacy Experiential Director Search Committee (Member)
Summer 2019-Summer 2022	Research Committee (Member)
Spring 2019	Ambulatory Care Clinical Faculty Position Search Committee (Member)
Spring 2019	Pharmacy Skills Lab Clinical Faculty Position Search Committee (Member)
Spring 2019	Clinical Faculty Research Focused Position Search Committee (Member)
Fall 2018-Summer 2021	Curriculum Committee (Member)
Fall 2018-Present	SSHP Faculty Advisor
Fall 2018-Present	Phi Delta Chi Faculty Advisor

Editorial Services

Journal Peer Reviewer

2019-Present	Journal of Pharmacy Practice
	Clinical and Applied Thrombosis/Hemostasis
	Clinical and Applied Thrombosis/Hemostasis
2020-Present	Cardiovascular Drugs and Therapy
	Journal of Cardiovascular Pharmacology
	Annals of Pharmacotherapy

American College of Cardiology/American Society of Health-System Pharmacists

2021, 2022	Cardiology Self-Assessment Program (CardSAP) - Blood Pressure Management in Adults (peer-reviewer)
2022	Pharmacotherapy Self-Assessment Program (PSAP) – Considerations in Hyperlipidemia Management for Special Populations (peer-reviewer)

Abstract Peer Reviewer

2023-Present	American Association of Colleges of Pharmacy Annual Meeting

Professional and Organizational Activities

March 2021-Present	**Phi Lambda Sigma Upsilon Chapter** Faculty Member
Fall 2017-Present	**American College of Cardiology (ACC)** Texas ACC Cardiovascular Team Liaison (2021-Present) Member
November 2016-Present	**American College of Clinical Pharmacy** Member
October 2014-Present	**The Rho Chi Society Beta Omicron Chapter** Vice-President

August 2012-Present	**Gulf Coast Society of Health-System Pharmacists (GCSHP)** Member
August 2012-Present	**Texas Society of Health-System Pharmacists (TSHP)** Member
August 2012-Present	**American Pharmacists Association-Academy of Student Pharmacists (APhA-ASP)** University of Houston Chapter Communications Vice President (2014) University of Houston Chapter Recording Secretary (2013)
August 2012-Present	**American Society of Health-System Pharmacists (ASHP)** SSHP Faculty Advisory Panel (2020-Present)
March 2012-Present	**Texas Pharmacy Association (TPA)** Member

Other Leadership Activities

Spring 2023	*University of Houston, Kappa Psi* Mr. Pharmacy Pageant Judge
Fall 2022	*University of Houston, Student Wellness Advisory Council* Failing Forward Series Interview
	University of Houston College of Pharmacy, SCCP Heart Failure Seminar
	University of Houston, SNPhA Fighting Diabetes Presentation
Spring 2021	*University of Houston, SSHP* Transitions of Care Sessions I & II Simulations
	University of Houston, Phi Delta Chi St. Jude's Fundraiser Moderator
	University of Houston, APhA-ASP A Day in the Life of a Board-Certified Cardiology Pharmacist
	University of Houston, PhAMSA Literature Evaluation Journal Club
	University of Houston College of Pharmacy Pharmacy Open House Speaker
	University of Houston, SNPhA Cardiovascular Review – Available to Class of 2023
Fall 2020	*University of Houston, SNPhA* Power to End Stroke Seminar
	University of Houston, Phi Delta Chi Networking Seminar

	University of Houston College of Pharmacy Pharmacy Open House Speaker
Summer 2020	*University of Houston College of Pharmacy Student Services* CardioSmart Zoom Workouts
Spring 2020	*University of Houston College of Pharmacy* Pharmacy Open House Speaker
	University of Houston, SSHP Mental Health Seminar
Spring 2019	*University of Houston, Phi Lambda Sigma* Curriculum Vitae Reviewer
	University of Houston, SSHP Are You Smarter Than a Pharmacist – Pharmacist Panel
Summer 2019	*University of Houston College of Pharmacy High School Summer Camp* Patient Assessment Presentation Facilitator

Preceptor Experience

Residents Precepted

March 2023	LaNeria Sanders, PGY-1, MEDVAMC
April 2022	Rhea Solteau, PGY-1, Memorial Hermann The Woodlands
March 2022	Victoria DaDeebo, PGY-1, MEDVAMC
February 2022	Victoria DaDeebo, PGY-1, MEDVAMC
November 2020	Jessie Ho, PharmD, PGY-1, MEDVAMC
May 2020	Shannon Dahlgren, PharmD, PGY-1, MEDVAMC
Jan 2020	Linh Nguyen, PharmD, PGY-1, MEDVAMC
2019-2020	Jaekyu Lee, PharmD, PGY-2 Administration, MEDVAMC
2019-2020	Fiona Imarhia, PharmD, BCPS, PGY-2 Ambulatory Care, MEDVAMC

Academic Fellows Precepted

June 2019	Joshua Wollen, PharmD University of Houston College of Pharmacy Academic Fellow

PharmD Students Precepted

May 2023	Andrew Jiang – Cardiac ICU
May 2023	May Vorarath – Cardiac ICU
January 2023	Raymond Thai – Cardiac ICU
January 2023	Dung Nguyen – Cardiac ICU
October 2022	Alexis Nguyen – Cardiac ICU
October 2022	Kathy Vo – Cardiac ICU
January 2022	Jaycie Truong – Cardiology Consults
January 2022	Rafael Sustaita – Cardiology Consults
October 2021	Kim Ta - Cardiology Consults
October 2021	Steven Smith – Cardiology Consults
July 2021	Trang (Wendy) Tran – Cardiology Consults
July 2021	Joshua Chang – Cardiology Consults
January 2020	Andrew Golding – Cardiology Consults
January 2020	Elissa Chin – Cardiology Consults
October 2019	Tiffany Tang – Cardiac ICU

October 2019	Pooja Ojha – Cardiac ICU
July 2019	Jessie Ho – Cardiology Consults
July 2019	Ravi Mehta – Cardiology Consults
June 2019	Lauren Overstreet – Cardiac ICU
June 2019	Isioma Ugezene – Cardiac ICU

Honors and Awards

May 2023	University of Houston College of Pharmacy Teaching Excellence Award
November 2022	UH 50-in-5 (High Impact Journal Publication)
November 2022	UH College of Pharmacy Rho Chi Teaching Excellence Award Winner
June 2021	UH College of Pharmacy Rho Chi Teaching Excellence Award Finalist
May 2021	American Association of Colleges of Pharmacy 2021 Walmart Scholar Award
May 2020	UH College of Pharmacy Faculty Preceptor of the Year
January 2019	University of Houston New Faculty Grant -$6,000
2012-2016	University of Houston College of Pharmacy Dean's List
May 2016	University of Houston College of Pharmacy Summa Cum Laude
May 2016	Dean Joseph P. Buckley Pharmacy Leadership Award
May 2012	Texas A&M University Summa Cum Laude
April 2011, April 2010	Texas A&M Thomas S. Gathright Scholar Award

References

Available upon request