

Curriculum Vitae

Young Ran Lee, Pharm.D., BCPS, BCCCP, BCIDP

CONTACT INFORMATION

Business

The University of Texas at Tyler
Ben and Maytee Fisch College of Pharmacy
Department of Clinical Sciences-Pharmacy
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Tyler, TX 75799
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EDUCATION & TRAINING

Leadership and Management Certificate American College of Clinical Pharmacy	2021–Present
ACUE Fellow in Effective Teaching Practices Association of College and University Educators (ACUE)	2022 – 2023
Precision Medicine: Applied Pharmacogenomics American College of Clinical Pharmacy Academy Certificate Program	2022
Mentored Research Investigator Training Program American College of Clinical Pharmacy Research Institute	2015 – 2017
Research & Scholarship Academy Certification American College of Clinical Pharmacy	2011 – 2014
Teaching & Learning Academy Certification American College of Clinical Pharmacy	2010 – 2014
ASHP Accredited Postgraduate (PGY2) Pharmacy Residency in Critical Care	2008 – 2009

Texas Tech University Health Sciences Center School of Pharmacy,
Dallas, TX & Veterans Affairs North Texas Health Care System, Dallas,
TX

Director: Sara Brouse, Pharm.D., FCCP, BCPS, AQ-Cardiology

ASHP Accredited Postgraduate Year-One Residency in Pharmacy 2007– 2008
University of Virginia Health System, Charlottesville, VA
Director: Michelle McCarthy, Pharm.D., FASHP

Doctor of Pharmacy 2004 – 2007
Western University of Health Sciences, School of Pharmacy, Pomona, CA

Master of Science in Clinical Pharmacy 1995 –1998
Sookmyung Women’s University, Clinical Pharmacy Graduate School
Seoul, South Korea

Bachelor of Science in Pharmacy 1989 –1993
Ewha Women’s University, College of Pharmacy, Seoul, South Korea

PROFESSIONAL LICENSE/CERTIFICATION

- Immunization Administration Certification 2021 –2025
- Board Certified Infectious Diseases Pharmacists (BCIDP), #B11100397 2018 – 2025
- Board Certified Critical Care Pharmacists (BCCCP), # 7150289 2015 – 2029
- Board Certified Pharmacotherapy Specialist (BCPS), # 3090747 2009 – 2030
- Certified Advanced Cardiovascular Life Support (ACLS) Provider 2007 – Present
- Certified Basic Life Support (BLS) Provider 2012 – Present
- Registered Pharmacist
 - California # 59808 2007 – Present
 - Virginia # 0202207875 2007 – Present
 - Texas # 46609 2008 – Present

ACADEMIC APPOINTMENTS

Ben and Maytee Fisch Distinguished Chair in Pharmacy May 2024 – Aug 2025
The University of Texas at Tyler, Tyler, TX

Clinical Professor Dec 2021 – Present
Department of Clinical Sciences
Ben and Maytee Fisch College of Pharmacy
The University of Texas at Tyler, Tyler, TX

Associate Professor

Division of Adult Medicine Sept 2017 – Dec 2021
Department of Pharmacy Practice
Texas Tech University Health Sciences Center (TTUHSC)
Jerry H. Hodge School of Pharmacy, Abilene, TX

Assistant Professor

Division of Adult Medicine July 15, 2009 – August 2017
Department of Pharmacy Practice
TTUHSC Jerry H. Hodge School of Pharmacy, Abilene, TX

Assistant Instructor

Department of Pharmacy Practice 2008 – 2009
TTUHSC School of Pharmacy, Dallas, TX

PROFESSIONAL EXPERIENCE

Critical Care Clinical Pharmacist Jan 2023 – Present
Medical & Surgical Intensive Care Unit, UT Health East Texas, Tyler, TX

PGY1 Pharmacy Residency Program Director July 2018 – Dec 2021
Hendrick Medical Center/TTUHSC SOP, Abilene, TX

Critical Care Clinical Pharmacist July 2009 – Dec 2021
Critical Care Unit, Hendrick Medical Center, Abilene, TX

AWARDS AND HONORS

L: local, S: state, N: national

University of Texas at Tyler, Ben and Maytee Fisch College of Pharmacy

- Class of 2024 Clinical Sciences Teacher of the Year 2023-2024, 2024
University of Texas at Tyler, Ben and Maytee Fisch College of Pharmacy (L)

Texas Tech University Health Sciences Center (TTUHSC)

- 2021 Pharmacy Practice Publication of the Year Honorable Mentions, 2021
TTUHSC SOP (L)
- Service Excellence Leave Award, TTUHSC SOP (L) 2020
- 2020 Pharmacy Practice Publication of the Year Final List, TTUHSC SOP (L) 2020

- 2019 Pharmacy Practice Publication of the Year Final List, TTUHSC SOP (L) 2019
- 2018 Pharmacy Practice Publication of the Year Final List, TTUHSC SOP (L) 2018
- P2 Teaching Team of the Year, Infectious Diseases, TTUHSC SOP (L) 2018
- President's Excellence Award in Interprofessional Teamwork, Texas Tech University Health Sciences Center (L) 2017
- Gamma Eta Chapter of Phi delta Chi Faculty of the Month (October) Award, TTUHSC SOP (L) 2017
- Preceptor of the Year 2016-2017 for Pharmacy Practice Residency, TTUHSC SOP & Hendrick Medical Center, Abilene, TX (L) 2017
- P2 Teaching Team of the Year, Infectious Diseases, TTUHSC SOP (L) 2017
- Gamma Eta Chapter of Phi delta Chi Faculty of the Month (November) Award, TTUHSC SOP (L) 2016
- P2 Teaching Team of the Year, Infectious Diseases, TTUHSC SOP (L) 2016
- Preceptor of the Year 2014-2015 for Pharmacy Practice Residency, TTUHSC SOP & Hendrick Medical Center, Abilene, TX (L) 2015
- 2015 ACCP Infectious Diseases PRN MeRIT Tuition Scholarship Award (N) 2015
- 2015 Pharmacy Practice Department Travel Award for MeRIT Program(L) 2015
- 2015 The Office of Sciences MeRIT Tuition Award (L) 2015
- P2 Teaching Team of the Year, Infectious Diseases, TTUHSC SOP (L) 2015
- Gamma Eta Chapter of Phi delta Chi Faculty of the Month (January) Award, TTUHSC SOP (L) 2015
- P2 Teaching Team of the Year, Infectious Diseases, TTUHSC SOP (L) 2014
- Preceptor of the Year 2012-2013, TTUHSC SOP, Abilene Campus (L) 2013
- The Most Inspirational Professor, TTUHSC SOP, Abilene Campus (L) 2013
- 1st Place Resident Poster Award, 8th Annual TTUHSC SOP Research Days (L) 2009

American College of Clinical Pharmacy (ACCP)

- ACCP Student's Best Poster, the First Runner Up (P4: Austin Ballew) (N) 2014
- 2010 ACCP Adult Medicine PRN Resident/Fellow Travel Award (N) 2010
- 2010 ACCP Spring Forum Resident/Fellow Travel Award (N) 2010

PUBLICATIONS

*Peer-Reviewed Manuscripts (*original research, †corresponding author)*

1. **Worldwide Antimicrobial Resistance National/International Network Group (WARNING) Collaborators.** Ten golden rules for optimal antibiotic use in hospital settings: the WARNING call to action. *World J Emerg Surg.* 2023;18:50. Doi: 10.1186/s13017-023-00518-3. (co-author)
2. **Lee YR†, Vo K and Varughese JT.** Benefits of combination therapy of hydrocortisone, ascorbic acid and thiamine in sepsis and septic shock: A systematic review. *Nutr Health.* 2022;28(1) 77-93. doi: 10.1177/02601060211018371. Epub ahead of print. PMID: 34039089*
3. **Lee YR†.** Response to “Comment on: Cefiderocol, a New Siderophore Cephalosporin for the Treatment of Complicated Urinary Tract Infections Caused by Multidrug-Resistant Pathogens: Preclinical and Clinical Pharmacokinetics, Pharmacodynamics, Efficacy and Safety”. *Clin Drug Investig.* 2021;1: 661–662. Doi: 10.1007/s40261-021-01050-5.
4. Medeiros T, Bui V, Almekdash MH, Keesari R, **Lee YR†.** Rate control with intravenous diltiazem, verapamil, and metoprolol in acute atrial fibrillation with rapid ventricular rate. *SAGE Open Med.* 2021;9:1-6. doi:[10.1177/20503121211017756](https://doi.org/10.1177/20503121211017756).*
5. **Lee YR†, Yeo S.** Cefiderocol, a new siderophore cephalosporin for the treatment of complicated urinary tract Infections caused by multidrug-resistant pathogens: Preclinical and clinical pharmacokinetics, pharmacodynamics, efficacy and safety. *Clin Drug Investig.* 2020;40(10):901-913. doi: 10.1007/s40261-020-00955-x
6. **Lee YR†.** Response to comments on “Stratifying therapeutic enoxaparin dose in morbidly obese patients by BMI Class: A retrospective cohort study.” *Clin Drug Investig.* 2020;40(3):289-290. 10.1007/s40261-020-00890-x.
7. **Lee YR†, Palmere PJ, Burton CE, Benavides TM.** Stratifying therapeutic enoxaparin dose in morbidly obese patients by BMI Class: A retrospective cohort study. *Clin Drug Investig.* 2020;40(1):33-40. 10.1007/s40261-019-00855-9.*
8. **Lee YR†, Baker CL, Aguirre GG.** Readability and suitability of over the counter medication labels. *Health Education and Public Health.* 2019;2(4):220-226. Doi:10.31488/heph.128.*
9. **Lee YR†, Jacobs KL.** Leave it to lefamulin: A pleuromutilin treatment option in community-acquired bacterial pneumonia. *Drugs.* 2019;79(17):1867-1876. 10.1007/s40265-019-01219-5.
10. **Lee YR†, Burton CE.** Eravacycline, a newly approved fluorocycline. *Eur J Clin Microbiol Infect Dis.* 2019;38:1787-1794. doi: 10.1007/s10096-019-03590-3.
11. **Lee YR†, Bainum TB.** Sepsis Management. In: Boucher B, Haas CE, eds. Critical Care Self-Assessment Program, 2019 Book 1. Infection Critical Care. Lenexa KS: American College of Clinical Pharmacy, 2019:7-34.

12. **Lee YR†**, Burton CE, Bevel KR. Delafloxacin for the treatment of acute bacterial skin and skin structure infections. *J Pharm Technol*. 2019;35(3):110-118. Doi. 10.1177/8755122519834615.
13. **Lee YR†**, Seth MS, Soney D, Dai H. Benefits of beta-blockade in sepsis and septic shock: A systematic review. *Clin Drug Investig*. 2019;39(5):429-440. Doi. 10.1007/s40261-019-00762-z.*
14. **Lee YR†**, Baker NT. Meropenem-vaborbactam: a carbapenem and beta-lactamase inhibitor with activity against carbapenem-resistant Enterobacteriaceae. *Eur J Clin Microbiol Infect Dis*. 2018;37(8):1411-1419.
15. **Lee YR**, McCutcheon LR, Alzghari SK. Distance interprofessional education for healthcare professionals. *The Journal of Social Science & Allied Health Professions*. 2018;1(2): 15-22.
16. **Lee YR†**, Miller PD, Alzghari SK, Blanco DD, Hager JD, Kuntz KS. Correction to: Continuous infusion versus intermittent bolus of beta-lactams in critically ill patients with respiratory infections: a systematic review and meta-analysis. *Eur J Drug Metab Pharmacokinet*. 2018;43(2):171.*
17. **Lee YR†**, Miller PD, Alzghari SK, Blanco DD, Hager JD, Kuntz KS. Continuous infusion versus intermittent bolus of beta-lactams in critically ill patients with respiratory infections: a systematic review and meta-analysis. *Eur J Drug Metab Pharmacokinet*. 2018;43(2):155-170.*
18. Walker KJ, **Lee YR†**, Klar AR. Clinical outcomes of extended spectrum beta-lactamase-producing *Enterobacteriaceae* infections with susceptibilities among levofloxacin, cefepime, and carbapenems. *Can J Infect Dis Med Microbiol*. 2018 Feb 8; 2018:3747521. doi:10.1155/2018/3747521*
19. **Lee YR†**, Adams LN, Brazeale HS. Saddle pulmonary embolism in a morbidly obese patient on rivaroxaban. *Obesity & Control Therapies: Open Access*. 2017;4(3):1-4.
20. **Lee YR†**, Blanco DD. Efficacy of standard dose unfractionated heparin for venous thromboembolism prophylaxis in morbidly obese and non-morbidly obese critically ill patients. *J Thromb Thrombolysis*. 2017;44(3): 386-391.*
21. Sartelli M, Labricciosa FM, Barbadoro P, et al. The Global Alliance for Infections in Surgery. Defining a model for antimicrobial stewardship. Results from an international cross-sectional survey. *World J Emerg Surg*. 2017;12:34. * (co-author)
22. McCutcheon LR, Alzghari SK, **Lee YR**, Long WG, Marquez R. Interprofessional education and distance education: A review and appraisal of the current literature. *Curr Pharm Teach Learn*. 2017;9(4):729-736.

23. Lee YR†, Tang K, Mani R. Linezolid for methicillin-resistant *Staphylococcus aureus* pneumonia: the Impact of obesity on clinical outcomes. *J Pharm Pharmaceutics*. 2016;3(2): 1- 6.*
24. Sartelli M, Weber DG, Ruppe E, et al. Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). *World J Emerg Surg*. 2016;11:33. (co-author)
25. Vega JA, Lee YR, McMahan D, Duong HQ. Monitoring enoxaparin with antifactor Xa levels in severe renal impairment. *J Pharma Care Health Sys*. 2016;3(2):161.*
26. Lee YR†, Wilson E, Preston P. Dronedarone-induced pulmonary toxicity: A case report and literature review. *J Hosp & Clin Pharm*. 2016;2(2):70-75.
27. Akundi S, Lee YR†, Perry GK, Fike DS, Mnjoyan S. Nephrotoxicity in recipients of vancomycin vs. vancomycin with vitamin C. *Int J Med and Pharm*. 2015;3(2):1-15.*
28. Lee YR†, McMahan D, McCall C, Perry GK. Complicated intra-abdominal infections: The old antimicrobials and the new players. *Drugs*. 2015;75(18): 2097-2117.
29. Lee, YR†, Vega JA, Duong HQ, Ballew A. Monitoring enoxaparin with antifactor Xa levels in obese patients. *Pharmacotherapy*. 2015;35(11):1007-1015.*
30. Lee YR, Hougue C, Hall RG. Treatment of community-acquired pneumonia. *Expert Rev Anti Infect Ther*. 2015; 13(9): 1109-1121.
31. Fruge KS, Lee YR†. Comparison of unfractionated heparin protocols using antifactor Xa monitoring and aPTT monitoring. *Am J Health Syst Pharm*. 2015;72(17 Suppl 2):S90-7. *J Health-System Pharm Resid*. 2012;1(2):6-13.*
32. Lee YR, Tashjian CA, Brouse SD, Bedimo RJ, Goetz LL, Cipher DJ, Duquaine S. Acquisition of resistance in urinary tract organisms infecting spinal cord injury patients. *Fed Pract*. 2014;31(3):13-17.*
33. Lee YR, Powell N, Bonatti H, Sawyer RG, Barroso L, Pruett TL, Sifri CD, and Volles D. Early development of lactic acidosis with short term linezolid treatment in a renal recipient. *J Chemother*. 2008;20(6):766-7.
34. Lee YR†, Suh OK, Jung SS, Jun JB, Yoo DH, Lee SH, Shin HT, and Kim SY. The comparison study on the efficacy of bucillamine monotherapy and bucillamine plus methotrexate combination therapy in the treatment of rheumatoid arthritis. *Kor J Clin Pharm*.1998;8:1-12.*

International

1. Whitcomb K, Bargainer R, Beckling A, Faz R, Keidl T, Davis B, **Lee YR**, Paris D. A blueprint for interprofessional simulation: A day in the life of healthcare professionals working in an emergency room. International Nursing Simulation/ Learning Resource Centers Conference, Grapevine, TX, June 2016.
2. Whitcomb K, Paris D, Bargainer R, Ochoa P, Macedo L, **Lee YR**, Paris W. Interprofessional team collaboration: breaking down silos between health professions. International Nursing Simulation/ Learning Resource Centers Conference, Grapevine, TX, June 2016.
3. McCutcheon LR, Alzghari SK, **Lee YR**, Long WG, Devora R. Interprofessional education and distance education: a review and appraisal of the current literature. 2016 16th International Meeting on Simulation in Healthcare, San Diego, CA, January 2016.
4. **Lee YR***. Venous thromboembolism prophylaxis in morbidly obese critically ill patients. 2015 ACCP Global Conference on Clinical Pharmacy, San Francisco, CA, October, 2015.
5. **Lee YR***, Li H, Bohannon K, Long WG. Clinical outcomes of utilizing pharmacomechanical thrombectomy in acute deep vein thrombosis patients. WFSICCM, Seoul, South Korea, August, 2015.
6. Bargainer R, Whitcomb K, **Lee YR***, Parks K, Beckling A, Wise S, Wilson A. Interprofessional trauma simulation: a bridge to quality care. International Nursing Simulation/ Learning Resource Centers Conference, Atlanta, GA, June 2015.
7. **Lee YR***, Tashjian CA, Brouse SD, Bedimo RJ, Goetz LL, Cipher DJ, Duquaine S. Impact of antibiotic pressure on the acquisition of resistance in patients with spinal cord injury. ACCP/ESCP International Congress, Orlando, FL, April 2009.

National

8. Jawad M, Snouber M, **Lee YR**. Systematic Review of Levetiracetam versus phenytoin for seizure prophylaxis in traumatic brain injury. 2023 ASHP Midyear poster session, Anaheim, CA, December 2023.
9. Natsheh N, Coombs A, Manastyrskaya V, Patel T, **Lee YR***. Unlocking the potential: systematic review of corticosteroid therapy in community-acquired pneumonia. 2023 ASHP Midyear poster session, Anaheim, CA, December 2023.

10. Stinson J, La-Beck I, Alvarez C, **Lee Y**, Yang H, Patel J. Descriptive Case-series of the COVID-19 Experience in a Rural West Texas Community. 2022 ASHP Midyear poster session, Las Vegas, NV, December 2022.
11. Ogbongbemiga A, Varughese J, **Lee YR***. Identifying an appropriate unfractionated heparin dosing for patients with body mass index ≥ 18.5 kg/m² study. 2020 ASHP Midyear virtual poster session, December 2020.
12. Hilgemeier A, **Lee YR***. Clinical outcomes between vancomycin AUC-based vs. trough concentration-based dosing. 2020 ASHP Midyear virtual poster session, December 2020.
13. Lincoln Riley, Needham S, **Lee YR***. Impact of Vasopressor Requirements in Mechanically Ventilated Patients with Addition of Continuous Ketamine Infusion. 2020 ASHP Midyear virtual poster session, December 2020.
14. Mohr M, Perry G, **Lee YR***. Evaluating the implementation of IV insulin Dosing Software in the Critically Ill and in Patients with Hyperglycemia Crisis. 2020 ASHP Midyear virtual poster session, December 2020.
15. Palmere PJ, Perry G, **Lee YR***. Use of vitamin C for prevention of vancomycin-induced nephrotoxicity. 2019 ASHP Midyear poster session, Las Vegas, NV, December 2019.
16. Asonganyi AN, **Lee YR***, Hall R, Luedtke S, Bibb T. The impact of a cultural competency course on the pharmacy student's cultural awareness. 2019 ACCP Annual Meeting, New York, NY, October, 2019.
17. Palmere PJ, Burton CE, Benavides TM, **Lee YR***. Therapeutic enoxaparin dosing in morbidly obese patients. 2018 ASHP Midyear poster session, Anaheim, CA, December 2018.
18. Huynh U, Perry GK, **Lee YR***. Effect of a pharmacist-driven management protocol on the probiotic combination of *Lactobacillus* strains for prevention of *Clostridium difficile* infection in hospitalized adult patients. 2018 ASHP Midyear poster session, Anaheim, CA, December 2018.
19. Medeiros T, Bui V, **Lee YR***. Rate control with intravenous diltiazem, metoprolol and verapamil in acute atrial fibrillation with rapid ventricular rate in the emergency department. 2018 ASHP Midyear poster session, Anaheim, CA, December 2018.
20. Glockner J, **Lee YR***. The impact of a pharmacist-driven Propofol triglyceride monitoring program in an ICU. 2017 ASHP Midyear poster session, Orlando, FL, December 2017.
21. Bui V, **Lee YR***. Impact of propofol on hemodynamic control in mechanically ventilated septic shock patients. 2016 ASHP Midyear poster session, Las Vegas, NV, December 2016.

22. **Lee YR***. Venous Thromboembolism Prophylaxis in Morbidly Obese Critically Ill Patients. 2016 ACCP Annual Meeting, Hollywood, FL, October 2016.
23. Walker K, **Lee YR***. Clinical outcomes of extended spectrum beta-lactamase-producing *Enterobacteriaceae* infections with susceptibilities among levofloxacin, cefepime, and carbapenems. 2015 ASHP Midyear poster session, New Orleans, LA, December 2015.
24. Keith K, Perry G, **Lee Y***. Determination of susceptibility of *Pseudomonas aeruginosa* and extended spectrum beta-lactamase *Enterobacteriaceae* bacterial isolates to ceftazidime/avibactam as compared to ceftazidime: an internal MIC distribution study. 2015 ASHP Midyear poster session, New Orleans, LA, December 2015.
25. Li H, **Lee YR***, Bohannon K, Long WG. Clinical outcomes of utilizing catheter-directed thrombolysis in acute deep vein thrombosis patients. 2014 ASHP Midyear, Anaheim, CA, December 2014.
26. Tang K, **Lee YR***, Mani R. Comparing the clinical efficacy of linezolid used in methicillin-resistant *Staphylococcus aureus* in obese versus non-obese Patients. 2014 ASHP Midyear, Anaheim, CA, December 2014.
27. Wilson E, Van Gorkom K, **Lee YR**. Case report and literature review of venous thromboembolism prophylaxis in morbidly obese medically ill patients. ASHP Midyear poster session, Anaheim, CA, December 2014.
28. Ballew A, **Lee YR**, Vega J, Duong HN. Current recommended dose of enoxaparin in renally impaired and morbidly obese patients by monitoring anti-factor Xa levels. ACCP Annual Meeting, Austin, TX, October 2014. (1st Runner-up for Best Poster Award, Faculty Mentor)
29. Akundi S, Mnjoyan S, Perry G, **Lee YR***. Does vitamin C prevent acute kidney injury in patients receiving vancomycin? ASHP Midyear, Orlando, FL, December 2013.
30. Mani R, **Lee Y***. Comparison of efficacy and safety outcomes with linezolid for the treatment of methicillin-resistant *Staphylococcus aureus* pneumonia between obese and nonobese patients. ASHP Midyear, Orlando, FL, December 2013.
31. Duong N, Vega J and **Lee YR**. Is it safe to use enoxaparin in obese patients and patients with severe renal impairment without anti-factor Xa monitoring? ASHP Midyear, Anaheim, CA, December 2010.
32. Fruge KS and **Lee YR***. Comparison of unfractionated heparin protocols using antifactor Xa monitoring and aPTT monitoring. ASHP Midyear poster session, Anaheim, CA, December 2010.
33. Holder RM, Canales AE, Perry GK, **Lee YR**, Priest JK and Grelle JL. Methicillin-resistant *Staphylococcus aureus* nasal colonization and correlation to methicillin-resistant *Staphylococcus*

aureus pneumonia in the intensive care unit. ACCP Spring Practice & Research Forum, Charlotte, NC, April 2010.

34. **Lee YR***, DeGregory K, Paige L. Evaluation of the formulary versus non-formulary use of rituximab in an academic tertiary care medical center. ASHP Midyear UCH poster session, Las Vegas, NV, December 2007.
35. **Lee YR***, Suh OK, Jung SS, Jun JB, Yoo DH, Lee SH, Shin HT, and Kim SY. The comparison study on the efficacy and safety of bucillamine monotherapy, bucillamine plus methotrexate, and hydroxychloroquine plus methotrexate combination therapy in the treatment of rheumatoid arthritis. The Annual Meeting of the Korea and Japan Rheumatologists, Kyoto, Japan. June 1998.
36. **Lee YR***, Suh OK, Jung SS, Jun JB, Yoo DH, Lee SH, Shin HT, and Kim SY. The comparison study on the efficacy and safety of bucillamine monotherapy, bucillamine plus methotrexate, and hydroxychloroquine plus methotrexate combination therapy in the treatment of rheumatoid arthritis. The Annual Meeting of the Korean Rheumatism Association, Seoul, South Korea, May 1998.

State & Regional

37. Campbell J, Mathews C, Edmiston W, Gilbreath A, Smith M, **Lee Y**. Six sigma approach to inpatient pharmacy medication waste reduction. 2016 TSHP Annual Seminar, Frisco, TX, April 2016.
38. Li H, **Lee YR***, Bohannon K, Long WG. Clinical outcomes of utilizing pharmacomechanical thrombectomy in acute deep vein thrombosis patients. 2015 TSHP Annual Seminar, San Antonio, TX, April 2015.
39. Akundi S, Mnjoyan S, Perry G, **Lee YR***. Does vitamin C prevent acute kidney injury in patients receiving vancomycin? 2014 TSHP Annual Seminar, Houston, TX, April 2014.
40. Mani R, **Lee Y***. Comparison of efficacy and safety outcomes with linezolid for the treatment of methicillin-resistant *Staphylococcus aureus* pneumonia between obese and non-obese patients. TSHP, Houston, TX, April 2014.
41. Patel N, Ochoa PS, Vega JV, Canales AE, **Lee YR**, Thomas TM, Jernigan MJ, Garrett WT, Frugé KS, Bradshaw GP. Influence of inpatient diabetes education on patient understanding of diabetes and satisfaction with education. TSHP, Houston, TX, April 2014.
42. **Lee YR***, Brouse SD, Bedimo RJ, Goetz LL, Cipher DJ, Duquaine S. Impact of antibiotic pressure on the acquisition of resistance in patients with spinal cord injury. The ALCALDE XXIII: Southwest Leadership Conference, Austin, TX, April 2009.

43. **Lee YR***, DeGregory K. Impact of erythropoiesis stimulating agent (ESA) guideline implementation in chemotherapy induced anemia. Eastern States Residency Conferences, Hershey, PA, May 2008.

Local

44. Ojukwu R, Ogbongbemiga A, **Lee YR***. Identifying an appropriate unfractionated heparin dosing for patients with body mass index ≥ 18.5 kg/m² study. 20th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2021.
45. Hilgemeier A, **Lee YR***. Clinical outcomes between vancomycin AUC-based vs. trough concentration-based dosing. 20th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2021.
46. Lincoln Riley, Needham S, **Lee YR***. Impact of Vasopressor Requirements in Mechanically Ventilated Patients with Addition of Continuous Ketamine Infusion. 20th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2021.
47. Mohr M, Perry G, **Lee YR***. Evaluating the implementation of IV insulin Dosing Software in the Critically Ill and in Patients with Hyperglycemia Crisis. 20th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2021.
48. Palmere PJ, Perry G, **Lee YR***. Use of vitamin C for prevention of vancomycin-induced nephrotoxicity. 19th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2020.
49. Palmere PJ, Burton CE, Benavides TM, **Lee YR***. Therapeutic enoxaparin dosing in morbidly obese patients. 19th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2020.
50. Huynh U, Perry GK, **Lee YR***. Effect of a pharmacist-driven management protocol on the probiotic combination of *Lactobacillus* strains for prevention of *Clostridium difficile* infection in hospitalized adult patients. 18th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2019.
51. Medeiros T, Bui V, **Lee YR***. Rate control with intravenous diltiazem, metoprolol and verapamil in acute atrial fibrillation with rapid ventricular rate in the emergency department. 18th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2019.
52. Glockner J, **Lee YR***. The impact of a pharmacist-driven Propofol triglyceride monitoring program in an ICU. 17th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2018.
53. Bui V, **Lee YR***. Impact of propofol on hemodynamic control in mechanically ventilated septic shock patients. 16th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2017.
54. Walker K, **Lee YR***. Clinical outcomes of extended spectrum beta-lactamase-producing *Enterobacteriaceae* infections with susceptibilities among levofloxacin, cefepime, and

- carbapenems. 15th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2016.
55. Keith K, Perry G, **Lee Y***. Determination of susceptibility of *Pseudomonas aeruginosa* and extended spectrum beta-lactamase *Enterobacteriaceae* bacterial isolates to ceftazidime/avibactam as compared to ceftazidime: an internal MIC distribution study. 15th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2016.
 56. Li H, **Lee YR***, Bohannon K, Long WG. Clinical outcomes of utilizing catheter-directed thrombolysis in acute deep vein thrombosis patients. 14th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2015.
 57. Tang K, **Lee YR***, Mani R. Comparing the clinical efficacy of linezolid used in methicillin-resistant *Staphylococcus aureus* in obese versus non-obese patients. 14th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2015.
 58. Patel N, Ochoa PS, Vega JV, Canales AE, **Lee YR**, Thomas TM, Jernigan MJ, Garrett WT, Frugé KS, Bradshaw GP. Influence of inpatient diabetes education on patient understanding of diabetes and satisfaction with education. 13th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2014.
 59. Akundi S, Mnjoyan S, Perry G, **Lee YR***. Does vitamin C prevent acute kidney injury in patients receiving vancomycin? 13th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2014.
 60. Mani R, **Lee Y***. Comparison of efficacy and safety outcomes with linezolid for the treatment of methicillin-resistant *Staphylococcus aureus* pneumonia between obese and nonobese patients. 13th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2014.
 61. Akundi S, **Lee Y***, Tawaater C. An evaluation of statin therapy in COPD exacerbation patients. 12th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2013.
 62. Garrett T, Ochoa P, Canales A, Vega J. **Lee Y**, Jernigan M, Thomas T. Student comprehension and perceptions of learning following participation in an inpatient diabetes education program. 11th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2012.
 63. Duong N, Vega J and **Lee YR**. Is it safe to use enoxaparin in obese patients and patients with severe renal impairment without anti-factor Xa monitoring? 10th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2011.
 64. Fruge KS and **Lee YR***. Comparison of unfractionated heparin protocols using anti-factor Xa monitoring and aPTT monitoring. 10th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2011.
 65. Holder RM, Canales AE, Perry GK, **Lee YR**, Priest JK and Grelle JL. Methicillin-resistant *Staphylococcus aureus* nasal colonization and correlation to methicillin-resistant *Staphylococcus aureus* pneumonia in the intensive care unit. 9th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2010.

66. Lee YR*, Tashjian CA, Brouse SD, Bedimo RJ, Goetz LL, Cipher DJ, Duquaine S. Impact of antibiotic pressure on the acquisition of resistance in patients with spinal cord injury. 8th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2009.

OTHER CONTRIBUTIONS IN SCHOLARSHIP

1. Wesling ME, Dobesh PP. Anticoagulation. In: 2023 Updates in Therapeutics: Pharmacotherapy Preparatory Review and Recertification Course. *Invited as an expert reviewer.* American College of Clinical Pharmacy, May 3, 2023.
2. Delafloxacin: A Review in Community-Acquired Pneumonia. *Drugs.* 2022. *Invited as an expert reviewer. (This was a special review article from the editorial office, Reviewers were acknowledged in the article)*
3. Sacha GL. Shock Syndrome I: Introduction, Vasodilatory, and Sepsis. In: 2022 Updates in Therapeutics: Critical Care Pharmacy Preparatory Review and Recertification Course. *Invited as an expert reviewer.* American College of Clinical Pharmacy, May 18, 2022.
4. Hauser AR. *Antibiotic Basics for Clinicians: The ABCs of Choosing the Right Antibacterial Agent.* Second edition. Baltimore, MD: Lippincott Williams & Wilkins, 2013. (*3rd edition planning reviewer, 2016*)
5. Thomas Z, Bandali F, Sankaranarayanan J, Reardon T, Olsen KM; **Critical Care Pharmacotherapy Trials Network.** A multicenter evaluation of prolonged empiric antibiotic therapy in adult ICUs in the United States. *Crit Care Med.* 2015;43(12):2527-2534.*

GRANTS AND AWARDS

1. **Endowed Ben and Maytee Fisch Distinguished Chair in Pharmacy,** The University of Texas at Tyler, Tyler, TX. Endowed Funds: \$111,151.20, May 7, 2024
2. **Lee YR.** A pilot study of pharmacogenomic tests in critically ill patients. Ben and Maytee Fisch College of Pharmacy Research and Scholarship Grants (RSGs). Funded: \$9,280, July 2023 (principal investigator).
3. La-Beck I, Bailey ES, **Lee YR.** Identification of Immunological and genetic factors that contribute to sex differences in COVID-19 disease morbidity and mortality. Laura W. Bush Institute for Women's Health Research Seed Grant, Funded: \$25,000, September 23, 2020 (co-investigator)

4. **Lee YR.** Venous Thromboembolism Prophylaxis in Morbidly Obese Critically Ill Patients. TTUHSC School of Pharmacy Pharmacy Practice Seed Grant, Funded: \$5,000, June 2016 (principal investigator).
5. Dinh T, Chau S. Health Screenings for Abilene Refugees. Walgreens Diversity Project Grant, Funded: \$500, March 2016 (faculty mentor).
6. Bargainer R, Whitcomb K, **Lee YR**, Parks K, Beckling A, Wise S. Interprofessional Trauma Simulation: A Bridge to Quality Care. TTUHSC Quality Enhancement Plan Interprofessional Team Work Seed Grant, Funded: \$2,500, January 2014 (co-investigator).
7. Haase KK, **Lee YR**, Miller HH. Use of Memory Anchors to Enhance Learning and Retention of Infectious Diseases Drug Knowledge. TTUHSC School of Pharmacy Faculty Development Seed Grant Program, Funded: \$3,090, December 2010 (co-investigator).

RESEARCH MENTORSHIP

UT Tyler Bean and Maytee Fisch College of Pharmacy

2023-Present Nadine Natsheh, P4 Pharmacy Student
 Tulsiben Patel, P4 Pharmacy Student
 Viyaleta Manatyrskaya, P4 Pharmacy Student
 Alyssa Coomb, P4 Pharmacy Student
 Mase Snoubar, P4 Pharmacy Student
 Muhammad Jawad, P4 Pharmacy Student
 Michal Stout, P3 Pharmacy Student
 Alanna Kologey, P3 Pharmacy Student

TTUHSC School of Pharmacy

2021-2022 Robert Ojukwu, P4 Pharmacy Student
 Heather Hillert, P3 Pharmacy Student (Honors Research Mentee)

2020-2021 Alexis Ogbongbemiga, P4 Pharmacy Student
 Jincy Varughese, P4 Pharmacy Student
 Heather Hillert, P2 Pharmacy Student
 Terence Woods, P2 Pharmacy Student

2019-2020 Suyeon Yeo, P3 Pharmacy Student
 Kandace Luu, P3 Pharmacy Student (Honors Research Mentee)
 Nicole Asonganyi, P4 Pharmacy Student

2018-2019 Gilbert Aguirre, P3 Pharmacy Student (Honors Research Mentee)
 Caitlin Burton, P4 Pharmacy Student
 Pete Palmere, P4 Pharmacy Student
 Taylor Benavides, P4 Pharmacy Student
 Michael Seth, P4 Pharmacy Student

2017-2018	Diana Hanyudiana, P3 Pharmacy Student Mikala Conatser, Pharm.D., TTUHSC SOP faculty (ACCP Research & Scholarship Academy Local Mentor) Nathaniel Baker, P4 Pharmacy Student Jacquelyn Glockner, Pharm.D., Pharmacy Practice Resident Pamela Miller, P4 Pharmacy Student
2016-2017	Delilah Blanco, P4 Pharmacy Student Jackson Hager, P2 Pharmacy Student Kailey Kuntz, P2 Pharmacy Student Vi Bui, Pharm.D., Pharmacy Practice Resident
2015-2016	Katrina Keith, Pharm.D., Pharmacy Practice Resident Kristy Walker, Pharm.D., Pharmacy Practice Resident Tho Dinh, P1 Pharmacy Student Jean Campbell, P4 Pharmacy Student Danni McMahan, P4 Pharmacy Student Cat McCall, P4 Pharmacy Student
2014 - 2015	Han Li, Pharm.D., Pharmacy Practice Resident Kathy Tang, Pharm.D., Pharmacy Practice Resident Austin Ballew, P4 Pharmacy Student Erica Wilson, P4 Pharmacy Student Kelsey Van Gorkom, P4 Pharmacy Student
2013 - 2014	Rene Mani, Pharm.D., Pharmacy Practice Resident Saagar Akundi, Pharm.D., PGY2 Pharmacotherapy Resident
2012 - 2013	Saagar Akundi, Pharm.D., PGY1 Pharmacotherapy Resident
2010 – 2011	Nhi Duong, Pharm.D., Pharmacy Practice Resident Kristian Fruge, Pharm.D., Pharmacy Practice Resident

TEACHING EXPERIENCE

Doctor of Pharmacy Curriculum

The University of Texas at Tyler Ben and Maytee Fisch College of Pharmacy

Course Leadership

Course Coordinator: Critical Care and Clinical Toxicology (PHAR 7489) 2022 – Present

Didactic Instruction

Pharmacotherapy 1: Respiratory & Renal (PHAR 7481) 2022

- Chronic Kidney Disease
- Complications of Chronic Kidney Disease

Pharmacotherapy 2: Infectious Diseases (PHAR7582) 2022 – Present

- Bacteriology
- Clinically important bacteria

	<ul style="list-style-type: none">• Antimicrobial stewardship• Surgical prophylaxis• Infective endocarditis• Central nervous system infection• <i>Clostridioides difficile</i> infection• Gastro-intestinal Infections• Intra-abdominal Infections• Community-acquired pneumonia• Hospital-acquired pneumonia	
Pharmacotherapy 4: Gastrointestinal, Nutrition, Musculoskeletal (PHAR 7484)		2024 – Present
	<ul style="list-style-type: none">• Malabsorptive Syndrome• Parenteral Nutrition• Enteral Nutrition	
Pharmacotherapy 9: Critical Care and Clinical Toxicology (PHAR 7489)		2022 – Present
	<ul style="list-style-type: none">• FAST HUG BID• Pain, agitation, sedation and delirium• Stress ulcer, DVT prophylaxis and Glucose management in ICU• Fluids management• Electrolyte management• Hyperglycemic crisis (DKA & HHS)• ICU thrombocytopenia• Vasopressors & Inotropes• Shocks• Sepsis and septic shock• Acute respiratory distress syndrome• Respiratory support• Status epilepticus• Traumatic brain injury	
Applied Pharmacy Practice Skills 2 (PHAR 7296)		2024
	<ul style="list-style-type: none">• Crash Carts and ACLS practice	
Case Studies of P-3 Students:		2022
<u>Clerkship Experiential Instruction</u>		
Critical Care APPE (PHAR 7686)		2023 – Present
Adult Medicine APPE (PHAR 7683)		2023 – Present
Introductory Pharmacy Practice I (IPPE-1) (PHAR 7185)		2022 – Present
P-1 Students Acute Care Shadowing		
<u>Non-Clerkship Experiential Instruction</u>		
Introductory Pharmacy Practice I (IPPE-5) (PHAR 7185)		2022 – Present
CV Review		
Introductory Pharmacy Practice II (IPPE-6) (PHAR 7186)		2022 – Present

Inservice Presentation & Journal Club Presentation

Interprofessional Education (IPE)

IPE Cardiac Code Simulation Session	November 13, 2023
SMILE Center, A building North Campus, Tyler, TX	
Pharmacy faculty facilitator of interprofessional simulation activities	
IPE Medical Emergency Simulation.	August 18, 2023
SMILE Center, A building North Campus, Tyler, TX	
Pharmacy faculty facilitator of interprofessional simulation activities	

TTUHSC Jerry H. Hodge School of Pharmacy

Course Leadership

Team Leader: Cultural Competency (PHAR 4216)	2014 – 2021
Team Leader: Critical Care Elective Rotation (PHAR 4695)	2011 – 2021
Campus Coordinator: Infectious Diseases (PHAR 2451)	2021 – 2021
Campus Coordinator: Clinical Correlation IV (PHAR 2251)	2021
Campus Coordinator: Case Studies III (PHAR 4463)	2017 – 2018
Campus Coordinator: Early Experiences in Drug Information (PHAR 1171)	2012 – 2013

Didactic Instruction

Infectious Diseases (PHAR 2451)	Fall 2011 – Spring 2021
<ul style="list-style-type: none">• Bone and joint infections• Community-acquired pneumonia• Hospital-acquired pneumonia• Gastro-intestinal Infections (Infectious diarrhea)• Intra-abdominal Infections• Sepsis• Travel Medicine• Parasitic infections• Invasive fungal infections• Pharmacokinetics• Pharmacodynamics• PK and PD Problem Sets	
Grand Rounds-Spring (PHAR 4242)	Spring 2011 – 2021
Cultural Competency (PHAR 4216)	Spring 2011 – Fall 2021
<ul style="list-style-type: none">• Cultural Diversity Project• Health literacy• Assessment of patient education materials	

- Homeopathic medicines
- Working with interpreters
- Culturally appropriate communication skills

Grand Rounds-Fall (PHAR 4241)	Fall 2010 – 2021
Introductory Pharmacy Practice I (IPP1) (PHAR 1101) Guest lecturer	2016-2017
<ul style="list-style-type: none"> • Cultural Competency in Health Care 	
Introductory Pharmacy Practice II (IPP2) (PHAR 2101) Guest lecturer.	2016
<ul style="list-style-type: none"> • Cultural Competency in Health Care 	
Nutrition (PHAR 4163) Fall 2010	Fall 2011
<ul style="list-style-type: none"> • Fluids and Electrolytes 	
Infectious Disorders (PHAR 2351)	2010
<ul style="list-style-type: none"> • Community-acquired pneumonia • Hospital-acquired pneumonia • Sepsis • Invasive fungal infections 	
Advanced Cardiology (PHAR 4210) Guest lecturer	2009
<ul style="list-style-type: none"> • Use of low molecular weight heparin in special patient populations • Stroke prevention in atrial fibrillation 	

Laboratory / Problem-Based Learning Instruction

Clinical Correlation IV (PHAR 2251)	2021
Clinical Correlation VI (PHAR 3251)	2019
Case Studies III (PHAR 4463)	2009 – 2018
Early Experiences in Drug Information (PHAR 1171)	2010 – 2013
<ul style="list-style-type: none"> • Appropriate use of tertiary resources: specialty references • Professional writing 	
Case Studies II (PHAR 3462)	2009 – 2010

Clerkship Experiential Instruction

Clinical Research Elective APPE (PHAR 4699)	2014 – 2021
Critical Care APPE (PHAR 4695)	2010 – 2021
Adult Medicine APPE (PHAR 4675)	2010 – 2021
Inpatient Clinical Skills IPPE (PHAR 4276)	2009 – 2021
Academia Elective APPE (PHAR 4699)	2011 – 2012

Non-Clerkship Experiential Instruction

Introductory Pharmacy Practice I (IPP1) (PHAR 1101)	2014 – 2021
Introductory Pharmacy Practice II (IPP2) (PHAR 2101)	2009 – 2010, 2014 – 2021

Interprofessional Education (IPE)

Trauma Day Simulation. 2013 – 2019

TTUHSC Simulation Center, 1674 Pine St. Abilene, TX

- Pharmacy faculty leader of interprofessional simulation activities
- Developed various simulation cases with other healthcare professional faculty
- Delivered annual Trauma Day Simulation with standardized patients and manikins
- Served as the facilitators during the simulation activities and debriefings

Honors Research Mentor

- Dual versus Triple Anticoagulation in Atrial Fibrillation Patients Undergoing PCI Study. 2018-2020
- The efficacy and safety of subcutaneous unfractionated heparin (UFH) BID vs. UFH TID vs. enoxaparin in venous thromboembolism (VTE) prophylaxis in ICU patients. 2019-2021
- COVID-19 Epidemiologic study. 2020-2021

POST-GRADUATE TEACHING EXPERIENCE

PGY1 Pharmacy Resident Teaching Certificate Program

University of Texas at Tyler, Ben and Maytee Fisch College of Pharmacy, Tyler, TX

Teaching Mentor

Leandra Garcia, Pharm.D., Pharmacy Practice, Methodist Charlton Medical Center, Dallas, TX,
Aug 2022 - June 2023

PGY1 Pharmacy and PGY1/PGY2 Pharmacotherapy Residency Rotations

Hendrick Health System & TTUHSC Jerry H. Hodge School of Pharmacy, Abilene, TX

Critical Care for Pharmacy Practice and Pharmacotherapy Specialty Residents (ASHP Accredited)

Lincoln Riley, Pharm.D., BCEMP, Pharmacy Practice, 6/7/2021-6/25/2021

Adam Hilgemeier, Pharm.D., BCPS, Pharmacy Practice, 4/5/2021-5/14/2021

Sheena Anthony, Pharm.D., BCACP, Pharmacy Practice, 1/4/2021-2/12/2021

Matt Mohr, Pharm.D., Pharmacy Practice, 11/23/2020-12/25/2020

Lincoln Riley, Pharm.D., BCEMP, Pharmacy Practice, 10/26/2020-11/20/2020

Jackie Hobbs, Pharm.D., BCPS, Pharmacy Practice, 5/18/2020-6/27/2020

Pete Palmere, Pharm.D., BCPS, Pharmacy Practice, 4/6/2020-5/15/2020

Kimberly Nguyen, Pharm.D., Pharmacy Practice, 1/6/2020-2/14/2020

Uyen Huynh, Pharm.D., BCPS, Pharmacy Practice, 2/2019-3/2019

Diana John, Pharm.D., Pharmacy Practice, 1/2019-2/2019

Tia Medeiros, Pharm.D., Pharmacy Practice, 11/2018-12/2018

Julie John, Pharm.D., Pharmacy Practice, 5/2018-6/2018

Koby Vasek, Pharm.D., BCPS, Pharmacy Practice, 2/2018-4/2018
Julie John, Pharm.D., Pharmacy Practice, 1/2018-2/2018
Jacquelyn Glockner, Pharm.D., Pharmacy Practice, 11/2017-12/2017
Cody Faubion, Pharm.D., Pharmacy Practice, 04/2017-05/2017
William G Long, Pharm.D., Pharmacy Practice, 02/2017-03/2017
Adaku Onwubuya, Pharm.D., Pharmacotherapy, 01/2017-02/2017
Vi Bui, Pharm.D., BCCCP, Pharmacy Practice, 11/2016-1/2017
Jessica Garza, Pharm.D., BCPS, Pharmacotherapy, 06/2016-06/2016, 02/2015-03/2015
Kristy Walker, Pharm.D., BCPS, Pharmacy Practice, 04/2016-05/2016
Katrina Keith, Pharm.D., Pharmacy Practice, 02/2016-04/2016
Megan Geurds, Pharm.D., BCPS, Pharmacotherapy, 11/2015-12/2015
Han Li, Pharm.D., BCPS, Pharmacy Practice, 04/2015-05/2015
Kathy Tang, Pharm.D., BCPS, Pharmacy Practice, 02/2015-03/2015
Lilian May, Pharm.D., BCOP, Pharmacy Practice, 11/2014-12/2014
Rene Mani, Pharm.D., BCPS, BCOP, Pharmacy Practice, 04/2014-05/2014
Natasha Patel, Pharm.D., Pharmacy Practice, 01/2014-02/2014
Sofia Mnjoyan, Pharm.D., Pharmacy Practice, 04/2013-06/2013
Brian Terrell, Pharm.D., BCACP, Pharmacy Practice, 02/2013-04/2013
Saagar Akundi, Pharm.D., BCPS, Pharmacotherapy, 11/2012-12/2012
Celia Lu, Pharm.D., BCACP, Pharmacy Practice, 01/2012-02/2012
Nicole Brock, Pharm.D., BCPS, Pharmacy Practice, 11/2011-12/2011
Travis Garrett, Pharm.D., Pharmacotherapy, 02/2011-03/2011
Renee Holder, Pharm.D., BCPS, Pharmacotherapy, 01/2011-02/2011
Kristian Fruge, Pharm.D., BCPS, Pharmacy Practice, 11/2010-12/2010
Julie Wilbeck, Pharm.D., Pharmacy Practice, 09/2010-10/2010
Hanhnhhi Duong, Pharm.D., BCPS, BCCCP, Pharmacy Practice, 09/2010-10/2010
Heather Wild, Pharm.D., Pharmacy, 05/2010-06/2010
Robin Koffarnus, Pharm.D., BCACP, Pharmacy Practice, 05/2010-06/2010

Academia Rotation for Residents

Adam Hilgemeier, Pharm.D., BCPS, Pharmacy Practice, 11/23/2020-12/25/2020
Kimberly Nguyen, Pharm.D., Pharmacy Practice, 5/18/2020-6/26/2020

Adult Medicine or Acute Care for Pharmacy Practice Residents (ASHP Accredited)

Uyen Huynh, Pharm.D., BCPS, Pharmacy Practice, 4/2019-5/2019
Diana John, Pharm.D., Pharmacy Practice, 2/2019-3/2019
Tia Medeiros, Pharm.D., Pharmacy Practice, 1/2019-2/2019
Heather Wild, Pharm.D., Pharmacy, 01/2010-02/2010

Longitudinal Research Project Learning Experience (12 months), 2008 – 2021

Longitudinal Mentoring Learning Experience (12 months), 2008 – 2021

PRESENTATIONS

1. Community-acquired pneumonia. Presented nurses at Cherokee County Public Health, Jacksonville, TX, March 20, 2024. *(local)*
2. Residency Information Session. Presented at the SSHP meeting at the Ben and Maytee Fisch College of Pharmacy, Tyler, TX, September 2023. *(local, invited Keynote speaker)*
3. Optimization of VTE prophylaxis in morbidly obese critically ill patients. Research Series Seminar at the Ben and Maytee Fisch College of Pharmacy, Tyler, TX, April 2023. *(local)*
4. Critical Care Pharmacists' Role. Presented at the SSHP 2023 Practice Advancement Initiative (PAI) Week at the Ben and Maytee Fisch College of Pharmacy, Tyler, TX, March 2023. *(invited, local)*
5. Clinical Practice Roundtable Panelist: TNK vs. tPA in Ischemic CVA. Presented at the TSHP 2022 Annual Seminar, TSHP Round Rock, TX, May 2022. *(invited, state)*
6. Efficacy of Standard Dose Unfractionated Heparin for Venous Thromboembolism Prophylaxis in Morbidly Obese and Non-Morbidly Obese Critically Ill Patients. 17th Annual TTUHSC School of Pharmacy Research Days, Amarillo, TX, June 2018. *(invited, local)*
7. Management of Hospital-Acquired and Ventilator-Associated Pneumonia: Updates with 2016 IDSA Guidelines. Presented at the University Medical Center, ACPE Continuing Education Certification Course (0.1 CEU), Lubbock, TX, August 2017. *(local)*
8. Interpreters in Healthcare. Presented at the TSHP 2017 Annual Seminar, ACPE Continuing Education Certification Course (0.1 CEU), TSHP Galvestone, TX, April 2017. *(invited, state)*
9. Complicated Intra-abdominal Infections: Updates of Management with New Agents. Presented at the University Medical Center, ACPE Continuing Education Certification Course (0.1 CEU), Lubbock, TX, January 2017. *(local)*
10. Pharm.D. Programs and Pharmacists' Role in the U.S. Presented via Skype to Pharmacy Students at Ewha Women's University, College of Pharmacy, Seoul, South Korea, April 2016. *(invited, international)*
11. Poster Presentation Guidance. Presented at the TTUHSC SOP SCCP meeting, TTUHSC School of Pharmacy, Abilene, TX, March 2015. *(invited, local)*

12. Comparison of Unfractionated Heparin Protocols Using Antifactor Xa Monitoring or Activated Partial Thrombin Time Monitoring. The First Annual JHPR Residency Research Project Showcase. Webinar Presentation as an invited speaker from JHPR & PharmD Press®. Presented to the current pharmacy residents in the U.S., August 2013. (*invited, national*)
13. Precepting Students and Residents. *ACPE Continuing Education Certification Course (0.3 CEU)*, TTUHSC School of Pharmacy, Abilene, TX, July 2013. (*local*)
14. Anticoagulant Updates. Presented at the Cardiology Conference, *ACPE Continuing Education Certification Course (0.1 CEU)*, TTUHSC School of Pharmacy, Abilene, TX, June 2013. (*local*)
15. NSAIDs therapy, Education Program for Pharmacists, Ewha Women's University School of Pharmacy, Seoul, South Korea, 2000. (*invited, national*)
16. Rheumatoid Arthritis and Osteoarthritis Treatments, Pharmaceutical Care Continuing Education Sookmyung Women's University School of Pharmacy, Seoul, South Korea, 1999 (*invited, national*)

ELECTRONIC MEDIA

1. Pharmacies warning about amoxicillin shortage, attributing misuses of drug and suppliers for decline. East Texas News. KLTV. September 28, 2023. Available at: <https://www.kltv.com/2023/09/28/pharmacies-warning-about-amoxicillin-shortage-attributing-misuses-drug-suppliers-decline/>.
2. Management of Community-Acquired Pneumonia: Updates with 2019 ATS & IDSA Guidelines. Health.edu. Published in 2021. Available at: <https://www.ttuhs.edu/Health.edu>. *ACPE Continuing Education Certification Course (0.1 CEU)*. Summary of 2019 ATS/IDSA Community-Acquired Pneumonia Guidelines and Cases
3. Anticoagulant Updates. Health.edu. Published in 2014. Available at: <https://www.ttuhs.edu/Health.edu>. *ACPE Continuing Education Certification Course (0.1 CEU)*. Comparison of the results from recent clinical trials of all new oral anticoagulants for cardiovascular diseases (Atrial fibrillation and Venous thromboembolism)

SERVICE

The University of Texas at Tyler

Committee Membership

- Handbook of Operating Procedures (HOP) Committee 2024-2027

Ben and Maytee Fisch College of Pharmacy

Committee Leadership

- Author (Standard 3), ACPE Comprehensive Self Study 2025. 2024-2025
- Reviewer (Standard 2), ACPE Comprehensive Self Study 2025 2024-2025
- Vice-Chair, Assessment Committee 2022-2024
- Author (Standard 3), ACPE Interim Report 2023
- Reviewer (Standard 2), ACPE Interim Report 2023
- Sub-Chairs (Standard 21-23), ACPE Interim Report Steering Committee: 2022

Committee Membership

- Experiential Education Advisory Committee 2023
- Faculty Council (Member-at-Large) 2022-2023
 - College of Pharmacy Remediation Policy Revise
 - Faculty Peer Review Rubric Revise
- Promotion in Rank Committee 2022-2024
- Search Committee, Clinical Sciences Department June 2023 – Present

Mentor of Junior Faculty

- Justin Cole Wilder, Pharm.D., BCPS, BCCCP (assistant professor) 2022 – 2023

Faculty Mentor for Residency Application & Interview

- Kristina Lynn P. Catague 2023 –2024
- Layla Kassem, Pharm.D. 2023 Candidate 2022 – 2023
- Allyson Ellsworth, Pharm.D. 2023 Candidate 2022 – 2023

Faculty Advisor

2022 – Present

Course Work Group

- Adult Medicine APPE Exam Work Group Jan 2023 – Feb 2023
- APPE Readiness Work Group Dec 2022 – Jan 2023
- 4th Year Pharm.D. Students Capstone Course Work Group Feb 2022 – July 2022

Other Professional Service

- Fisch College of Pharmacy Open House Work Group for Clinical Sciences Department Oct 2022 – Nov 2022
- Coater at the White Coat Ceremony 2022

TTUHSC Service

- Clinical Affairs Council, Healthcare Disparities Subcommittee 2021

School Service - TTUHSC Jerry H. Hodge School of Pharmacy

Committee Leadership

- Chair, Pharmacy Practice Department Midpoint Review Committee 2018
 - Contacted four faculty for guidance of preparation of Midpoint dossier in August & October
 - Reviewed four faculty's promotion dossiers
 - Discussed strengths and areas for improvement for each faculty at the committee meetings
 - Developed the draft of the committee letter for each faculty and finalized the letters with committee members' feedback
 - Held the decision meeting with each faculty with committee's findings and suggestions and answered to questions
- Curricular Renewal: Imbedded Content Ad Hoc Committee 2016 – 2018
 - Faculty leader for cultural competency content
- Chair, Faculty Development Committee 2013 – 2014
 - Revised the teaching seed grant application and evaluation tool
 - Developed the faculty development award, application process and evaluation tool
 - Planned the 2014 faculty development workshop and retreat
 - Led the organization and development of a faculty retreat devoted to Interprofessional education (IPE) and writing simulation scenarios
- Chair-Elect, Faculty Development Committee 2012 – 2013
 - Reviewed faculty travel awards applications
 - Participated in planning for the spring workshop and faculty retreat
- Chair, BCPS Preparation Committee, TTUHSC School of Pharmacy Residency 2008 – 2009

Membership

- SOP Organization Leadership Council 2021
- Adult Medicine Faculty Search Committee, Amarillo 2021
- Research Advisory Committee 2019 – 2021
 - Organized TTUHSC SOP Research Days
 - Revised research seed grant application and evaluated seed grand applications
 - Organized Distinguished Speaker Series
 - Revised SOP policy for research equipments
- Adult Medicine Faculty Search Committee, Abilene 2018 – 2021
- Associate Dean Office of Science Search Committee 2019
- TTUHSC SOP Residency Advisory Committee 2018 – 2021

- Honor Council 2017 – 2019
- Curricular Renewal / Enhancement - P3 Inpatient Clinical Skills 2017 – 2018
- Pharmacy Practice Department Midpoint Review Committee 2017
- Adult Medicine Faculty Search Committee, Dallas 2016
- Ad Hoc Simulation & Interprofessional Education Advisory Committee 2015 – 2016
 - Participated in planning for simulation summit
- ABI Simulation Assistant Director Search Committee 2014
- Faculty Development Committee 2011 – 2013
 - Developed criteria for faculty travel awards
 - Participated in planning for annual workshops
 - Helped develop the seed grants for scholarship of teaching including the announcement and application form
- Adult Medicine Faculty Search Committee, Abilene 2012 – 2013
- Case Study III Ad Hoc Committee 2012
 - The Committee developed and proposed critical course changes which were ultimately implemented within the course.
- Adult Medicine Faculty Search Committee, Dallas 2011
- ACPE Self-Study Students Subcommittee 2011– 2012
 - Contributed to the ACPE self-study document for ACPE Student Standard 21
- Student Outcome Assessment Committee 2009 – 2011
 - Co-developed (with Robles, J and Sterling, T) and implemented OCSE's to assess medical chart review and immunization administration.

Faculty Advisor

- The Foundation for International Medical Relief of Children (FIMRC) 2021
TTUHSC student organization chapter
- ACCP TTUHSC Jerry H. Hodge SOP Faculty Liaison & Facilitator of Clinical Pharmacy Challenge, Abilene Campus 2021

Other Professional Service

- Facilitator, TTUHSC Fall IPE Symposium 2017 – 2019
- Judge, TTUHSC School of Pharmacy Research Days 2014 – 2019, 2021
- Judge, APhA Patient Counseling Student Competition, TTUHSC School of Pharmacy 2014 – 2016

Practice-Based Committee Service

UT Health East Texas, Tyler, TX

- Antimicrobial Stewardship (AMS) Rounds 2023 – Present

Hendrick Medical Center, Abilene, TX

- P&T Committee: The Residency Program Director 2018 – 2021
- Rounding Unit Specific Huddles (RUSH): ICU Pharmacy member 2016 – 2021
- Acknowledge, Introduce, Duration, Explanation, and Thank You (AIDET) Committee 2016 – 2017
- Osteomyelitis-Diabetes subcommittee, Length of Stay Committee 2011 – 2012
- Critical Care Committee 2010

University of Virginia Health System, Charlottesville, VA

- Ambulatory Care Committee 2007 – 2008

Professional Organization Service

American Society of Health-System Pharmacists (ASHP)

- Student Societies of Health-System Pharmacists (SSHPs) Faculty Advisor 2023 – Present
- East Texas Society of Health-System Pharmacists (ETSHP) Media Coordinator. 2023-2024

American College of Clinical Pharmacy (ACCP)

- Critical Care Standard Setting Committee 2023– 2024
- Awards Committee 2022– 2023
- TTUHSC Jerry H. Hodge SOP Abilene Campus 2021
Faculty Liaison & Facilitator of Clinical Pharmacy Challenge
- Cardiology Practice and Research Network 2009 – 2021
 - Poster Walk-Rounds Committee, ACCP Annual Meeting, Albuquerque, NM. 2013
- Critical Care Practice and Research Network 2009 – Present
 - Poster Walk-Rounds Committee, ACCP Annual Meeting, Virtual 2021
 - Poster Walk-Rounds Committee, ACCP Annual Meeting, Seattle, WA 2018
 - Poster Walk-Rounds Committee, ACCP Annual Meeting, San Francisco, CA 2015
 - Poster Walk-Rounds Committee, ACCP Annual Meeting, Austin, TX 2014
- Infectious Disease Practice and Research Network 2009 – Present
 - Learner-led journal club Moderator May 2024
 - Research Committee 2019
 - Awards Committee 2015 – 2016

National Association of Boards of Pharmacy (NABP)

- Panelist on the 2021 North American Pharmacist Licensure Examination® (NAPLEX®) Standard Setting Committee 2021

American Association of Colleges of Pharmacy

- House of Delegate
 - University of Texas at Tyler Bean and Maytee Fisch COP 2022 – 2023
 - TTUHSC Jerry H. Hodge SOP 2020– 2021
- House of Alternate Delegate
 - TTUHSC Jerry H. Hodge SOP 2019 – 2020

Society of Critical Care Medicine

- Clinical Pharmacy & Pharmacology Education Committee 2016 – 2018
- Clinical Pharmacy & Pharmacology Program Committee 2011– 2016

Journal Editorial Boards or Referee

Guest Editor

- Antibiotics [Impact Factor: 4.8, ISSN 2079-6382]: Special Issue "Therapeutic Drug Monitoring of Antimicrobials in Critically Ill Patients" September 2023 – Present

Editorial Board Member:

- Journal of Korean Society of Health-System Pharmacists (JKSHP) 2016 – Present
 - Korean Society of Health-System Pharmacists

International Advisory Board:

- The Global Alliance for Infections in Surgery 2016 – Present
 - World Society of Emergency Surgery

Invited Expert Reviewer:

- Pharmacotherapy 2021– Present
- American Journal of Health-System Pharmacy 2021– Present
- Hospital Pharmacy 2021– Present
- The Annals of Pharmacotherapy 2016 – Present
- Therapeutic Advances in Hematology 2017
- Cardiovascular therapeutics 2015 – Present
- Cellular & Molecular Biology 2015 – Present
- Archives of Pharmacal Research 2014 – Present

PROFESSIONAL ORGANIZATION MEMBERSHIP/AFFILIATIONS

Clinical Pharmacogenetics Implementation Consortium (CPIC)	2023 – Present
American College of Clinical Pharmacy (ACCP)	2008 – Present
Practice-Based Research Network (PBRN)	2012 – Present
Cardiology Practice and Research Network	2009 – 2021
Critical Care Practice and Research Network	2009 – Present
Infectious Diseases Practice and Research Network	2009 –Present
PK/PD/PG Practice and Research Network	2023–Present
Society of Critical Care Medicine (SCCM)	2022–2024, 2009 – 2020

American Association of Colleges of Pharmacy (AACP)	2018 –Present, 2010 – 2012
Special Interest Group (Sig):	
Assessment	2023–Present
Curriculum	2023–Present
Global Education	2022–Present
Health Disparities and Cultural Competency	2022–Present
Women Faculty	2022–Present
American Society of Health-System Pharmacists (ASHP)	2018–Present, 2006 – 2009
Texas Society of Health-System Pharmacists (TSHP)	2023– Present, 2013–2014
East Texas Society of Health-System Pharmacists (ETSHP)	2023– Present
California Society of Health-System Pharmacists (CSHP)	2006 – 2007
Society for Simulation in Healthcare (SSH)	2013
The Korean College of Clinical Pharmacy	1995 – 2001
Korean Society of Health-System Pharmacists	1993 – 2001

REFERENCES

Available upon request