

Dhakrit “Jesse” Rungkitwattanakul, PharmD BCPS FNKF FASN

PERSONAL INFORMATION

Howard University College of Pharmacy
Department of Clinical and Administrative Pharmacy Sciences
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Washington, D.C. 20059
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Email: dhakrit.rungkitwatt@howard.edu

EDUCATION/ TRAINING

Georgetown University Hospital, Washington, D.C. Jun 2017- Jul 2018
ASHP Accredited PGY-1 Pharmacy Practice Residency
Program Director: Geoffrey Cox PharmD
Program Coordinator: Amy Ives PharmD BCPS

University of Maryland School of Pharmacy, Baltimore Maryland Aug 2013- May 2017
Doctor of Pharmacy, *Cum Laude*

- Pharmacotherapy Pathway
- Clinical Track Program at Georgetown University Hospital, Washington, D.C.

WORK EXPERIENCE

Associate Professor Jul 2023- Present
Department of Clinical and Administrative Pharmacy Sciences
Howard University College of Pharmacy
Washington, D.C.

Clinical Assistant Professor Jul 2018- Jun 2023
Department of Clinical and Administrative Pharmacy Sciences
Howard University College of Pharmacy
Washington, D.C.

CLINICAL PRACTICE SITES

Nephrology Pharmacist Aug 2018- Present
Howard University Hospital, Washington, D.C.

- Acute Nephrology consult service, Nephrotoxin Stewardship service (Chair)
- Daily duties include:
 - Patient assessment (medication reconciliation, perform pharmacist specific review of system)
 - Per protocol management (therapeutic drug monitoring, renal dosing modification)
 - Care coordination, documentation
 - Patient education and discharge counseling
 - Student and resident precepting

Ambulatory Care Pharmacist Aug 2018- Oct 2023
Howard University Dialysis Center, Washington, D.C.

- ESRD on chronic HD Patients with multiple chronic medications who are struggle with adherence.
- Daily duties include:
 - Patient assessment (medication reconciliation, perform pharmacist specific review of system)
 - Care coordination, documentation
 - Patient education and post-hospital discharge medication review/counseling
 - Students, residents, and fellows precepting

TEACHING EXPERIENCE

Course	Credit Hours	Activities	Role
Didactic: Professional Practice Readiness II (Spring 2023- Present)	3.0	Coordinate and teach the course	Course-coordinator
Elective: Skills in Clinical Adult Medicine (Spring 2022- 2023)	3.0	Coordinate and teach the course	Course-coordinator
Didactic: Integrated Therapeutics II (Spring 2019- Present)	3.0	Lecture title: <ul style="list-style-type: none"> • Venous Thromboembolism • Pulmonary hypertension 	Lecturer
Didactic: Integrated Therapeutics III (Fall 2019- Present)	3.0	Lecture title: <ul style="list-style-type: none"> • Management of Gram-positive infection • Management of Gram-negative infection • Intraabdominal infection • Surgical site prophylaxis and infection • Bacteremia /Bloodstream infection • Tick-borne diseases 	Course-coordinator (2019-2021) Lecturer (2021-Present)
Didactic: Integrated Therapeutics IV (Spring 2019- Present)	2.0	Lecture title: <ul style="list-style-type: none"> • Solid Organ Transplant I, II 	Lecturer
Didactic: Integrated Therapeutics V (Fall 2018- Present)	3.0	Lecture title: <ul style="list-style-type: none"> • Anemia in Acute care • Drug induced hematologic disorders • Pain management 	Lecturer
Didactic: Integrated Therapeutics VI (Spring 2019- Present)	3.0	Lecture title: <ul style="list-style-type: none"> • Renal function assessment • Acute kidney injury • Drug induced kidney disease • Chronic kidney disease and complications • Renal replacement therapy • Drug dosing in renal impairment • Cirrhosis and complications • Enteral and Parenteral nutrition 	Lecturer
Didactic: Integrated Therapeutics VII (Spring 2019- Spring 2021)	3.0	Lecture title: <ul style="list-style-type: none"> • Pediatric Mental Health 	Lecturer

Didactic: Integrated Therapeutics VIII (Spring 2019- Present)	3.0	Lecture title: • Drug induced lung diseases	Lecturer
Didactic: Integrated Therapeutics Laboratory I, II III (Fall 2018 – Present)	4.0	• Creating OSCEs, clinical simulation cases, and conducted small group cases discussion	Lecturer
Didactic: Integrated Therapeutics Laboratory IV (Spring 2021- Present)	4.0	• Creating OSCEs, clinical simulation cases, and conducted small group cases discussion	Course-coordinator
APPE Clinical Specialty- Nephrology APPE Ambulatory Care- Adult Hemodialysis APPE Adult Medicine APPE Academia/Teaching APPE Research (Fall 2018- Present)	5.0	• Precept up to 14 students per year • 40 contact hours per student per rotation	Main preceptor

POST GRADUATE PHARMACY PRACTICE PRECEPTING EXPERIENCE

Inpatient Nephrology rotation (5 week)			Jun 2020- present
• Required rotation for all PGY-1 Pharmacy practice residents at Howard University Hospital			
• Precept 4 residents per year			
Outpatient hemodialysis rotation (6 week)			Jun 2020- Dec 2023
• Elective for PGY-1 Pharmacy Practice resident at Howard University Hospital			
Longitudinal outpatient hemodialysis rotation (6 month)			
• Required rotation for Ambulatory Care research fellow at Howard University College of Pharmacy			
• Precept 1 fellow per year			
Longitudinal drug information rotation (12 month)			Jun 2020- Jun 2023
• Required rotation for PGY-1 Pharmacy Practice resident at Howard University Hospital			
• Precept 4 residents per year			
Longitudinal academia/teaching rotation (12 month)			Jun 2020- Jun 2022
• Required rotation for Trusted Health Plan- PGY-1 Managed Care Pharmacy residency			
• Precept 2 residents per year			

PROFESSIONAL AND COMMUNITY SERVICES

Service to the University/College of Pharmacy

Summer Academy- Junior faculty creative writing			May 2025
• Mentor to two junior faculty			
Judiciary committee			Aug 2024- Present
• Chair			
Faculty Search Committee for Cardiology			Jan 2025
• Chair			
Nephrotoxin Stewardship Service at Howard University Hospital			Jan 2025- Present
• Chair			
College of Pharmacy/Howard University Hospital Clinical Track Program			Nov 2024

<ul style="list-style-type: none"> • Director 	Mar 2024- May 2024
Faculty Search Committee for Internal Medicine, Psychiatry, and Community Pharmacy	
<ul style="list-style-type: none"> • Chair 	May 2024- Present
PGY-1 Pharmacy Residency Howard University Hospital- Department of Pharmacy	
<ul style="list-style-type: none"> • Residency Program Coordinator 	Sep 2023- Dec 2023
Deep Dive Taskforce: NAPLEX success rate	
<ul style="list-style-type: none"> • Howard University College of Pharmacy- Member 	Aug 2023 - Present
Curriculum committee	
<ul style="list-style-type: none"> • Howard University College of Pharmacy- Member 	Jul 2022 – May 2024
Residency Advisory Committee (RAC) for PGY-1 residency program	
<ul style="list-style-type: none"> • Howard University Hospital: Member 	Jul 2022- Feb 2023
Ad-hoc Committee in revising HUCOP FPES rating system	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Member 	Mar 2022- May 2022
Faculty Search Committee for Infectious Diseases position	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Chair 	Dec 2021- Feb 2022
Faculty Search Committee for Internal Medicine position	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Chair 	May 2021- Aug 2021
Professional Identity committee	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Member 	May 2021- Aug 2021
Faculty Search for Internal Medicine position	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Chair 	May 2021- Present
Research Residency Advisory Committee (RRAC) for PGY-1 residency program	
<ul style="list-style-type: none"> • Howard University Hospital: Chair 	Jan 2021- Jan 2022
Vaccine Task force: Marketing campaign regarding pharmacist credentialing committee	
<ul style="list-style-type: none"> • Howard University College of Pharmacy- Chair 	Oct 2019- July 2023
Special Task force in Health Equity Leadership Program (HELP) with the University of Wyoming	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Faculty lead 	Jan 2019- Aug 2021
Professionalism and Ethics committee	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Member 	Sep 2018- Aug 2021
Continuing professional education and alumni affairs	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Committee member 	Aug 2019- July 2023
Admission, Recruitment and Retention	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Committee member 	Dec 2018- Present
International and Global vision	
<ul style="list-style-type: none"> • Howard University College of Pharmacy: Committee member 	Aug 2018- Nov 2019
Interprofessional Education	
<ul style="list-style-type: none"> • Howard University: Pharmacy Representative 	

Service to the Profession

District of Columbia- College of Clinical Pharmacy	Jan 2025- Present
<ul style="list-style-type: none"> • Education committee chair 	
American College of Clinical Pharmacy- Nephrology Practice, Research, and Network	Oct 2025- Present
<ul style="list-style-type: none"> • Chair • Chair-Elect 	
American College of Clinical Pharmacy- Pharmacotherapy Standard Setting Panel	Mar 2024- Dec 2024
<ul style="list-style-type: none"> • Pharmacotherapy specialty preparatory course • Pharmacotherapy self-assessment program (PSAP) 	
National Kidney Foundation (NKF) Serving the National Capital Region	Jun 2024- Dec 2024
<ul style="list-style-type: none"> • Workgroup member in Maryland and DC- Policy, Payment, and Quality Measurement 	

Washington Metropolitan Society of Health-System Pharmacist (WMSHP)	Jan 2021- Jan 2024
<ul style="list-style-type: none"> • Immediate Past President (2023-2024) • President (2022-2023) • President-Elect (2021-2022) • Chair for the planning committee/ Finance committee (2021-2023) 	
MidAtlantic Aids and Education Training Center (MAAETC)- District of Columbia	Jun 2020- Present
<ul style="list-style-type: none"> • COVID-19 regional representative 	
American Association of Colleges of Pharmacy (AACP)-Pharmacy Practice section: Scholarship and research committee	Jul 2022- Jul 2024
<ul style="list-style-type: none"> • Chair (Jul 2023- Jul 2024) • Chair-elect (2022- 2023) 	
National Kidney Foundation (NKF) Serving the National Capital Region- Medical Advisory Board	May 2022- Present
<ul style="list-style-type: none"> • Member 	
National Kidney Foundation (NKF)- Nutrition Advisory Committee (National level)	May 2021- Present
<ul style="list-style-type: none"> • Member 	
International Society on Thrombosis and Haemostasis (ISTH)	Jul 2020- Present
<ul style="list-style-type: none"> • Control of anticoagulation subcommittee member 	

Reviewer Services

Clinical Journal of the American Society of Nephrology	Aug 2025
Pharmacotherapy	Aug 2025
Journal of Nephrology	Apr 2025
Journal of Antimicrobial and Chemotherapy	Mar 2025
American Journal of Health-System Pharmacists	Nov 2024
BMC Infectious Diseases	Aug 2024
Journal of Chemotherapy	Aug 2024
BMC Nephrology	May 2024
Expert Opinion of Drug Safety	Mar 2024
Journal of the American College of Clinical Pharmacy	Feb 2024
Expert Review of Clinical Pharmacology	Feb 2024
Innovations in Pharmacy	Oct 2023
American Journal of Therapeutics	Mar 2023
Annals of Pharmacotherapy	Nov 2022
Annals of Medicine	Nov 2022- Present
Journal of Nephrology	Feb 2025
	Oct 2022, Feb 2023
Drug Safety	Oct 2022
Journal of Clinical Medicine	Jan 2024
	Jun, Nov 2022,
	Feb 2023
Clinical Journal of American Society of Nephrology	Sep 2021
International Journal of Immunopharmacology	Mar 2021
Journal of Pharmacy Practice	Jun 2020, May 2024
Journal of biomolecular structure and dynamics	Jun 2020
Journal of antimicrobial and chemotherapy	Feb 2020

PROFESSIONAL MEMBERSHIP

American Society of Nephrology (ASN)	2025- Present
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American Society of Health-System Pharmacists (ASHP)
American College of Clinical Pharmacy
National Kidney Foundation
American Association of Colleges of Pharmacy
International Society on Thrombosis and Haemostasis

Mar 2023- Present
Jan 2020- Present
Jul 2018- Present
Feb 2019- Present
Jun 2020- 2021

SCHOLARSHIP

Peer-reviewed publications

1. Alatawi W, Wallace JL, **Rungkitwattanakul D**, et al. Risk of Acute Kidney Injury Associated With Nephrotoxic Burden in Hospitalized Patients: A Scoping Review. *Clin Pharmacol Ther*. Published online December 21, 2025. doi:10.1002/cpt.70169
2. J. L. Wallace, **D. Rungkitwattanakul**, R. W. Khan, et al., Adopting Race-Free Estimated Glomerular Filtration Rate for Unifying Medication-Related Decision-Making: An Opinion of the Nephrology Practice and Research Network of the American College of Clinical Pharmacy, *Journal of the American College of Clinical Pharmacy* 9, no. 2 (2026): e70153, <https://doi.org/10.1002/jac5.70153>.
3. Chaijamorn W, Sriboonruang T, **Rungkitwattanakul D**, et al. Authors reply: "Levetiracetam dosing in critically ill patients receiving prolonged intermittent renal replacement therapy". *J Crit Care*. 2026;91:155313. doi:10.1016/j.jcrc.2025.155313
4. **Rungkitwattanakul D**, Brooks M, Adesina S, Belrhiti S, Chaijamorn W, Charoensareerat T, Nwaogwugwu U, Mere C. Extemporaneous Preparation and Effectiveness of Low-Dose Naltrexone for the Treatment of Uremic Pruritus: A Literature Review and Case Report. *Pharmacy*. 2025; 13(6):160. <https://doi.org/10.3390/pharmacy13060160>
5. Baskaran P, Aldhaeefi M, Asaadi A, **Rungkitwattanakul D** et al. Empagliflozin and hydralazine-isosorbide dinitrate combination therapy improves outcomes in Black patients with heart failure. *Int J Clin Pharmacol Ther*. 2025;63(11):553-556. doi:10.5414/CP204854
6. Chusiri S, Vamananda J, **Rungkitwattanakul D**, et al. Levetiracetam dosing in critically ill patients receiving prolonged intermittent renal replacement therapy. *J Crit Care*. Published online August 23, 2025. doi:10.1016/j.jcrc.2025.155246
7. **Rungkitwattanakul D**, Evans E, Brown E, et al. Impact of Removing Race Coefficient from Glomerular Filtration Rate Estimation Equations on Antidiabetics Among Black Patients. *Pharmacy (Basel)*. 2025;13(2):52. Published 2025 Apr 2. doi:10.3390/pharmacy13020052
8. Moore J, IHEME N, Rebold NS, **Rungkitwattanakul D**. Factors and Disparities Influencing Sodium-Glucose Cotransporter 2 Inhibitors and Glucagon-like Peptide 1 Receptor Agonists Initiation in the United States: A Scoping Review of Evidence. *Pharmacy (Basel)*. 2025;13(2):46. Published 2025 Mar 19. doi:10.3390/pharmacy13020046
9. Aldhaeefi M, **Rungkitwattanakul D**, Saltani I, et al. Update and narrative review of avian influenza (H5N1) infection in adult patients. *Pharmacotherapy*. 2024;44(11):870-879. doi:10.1002/phar.4621
10. Charoensareerat T, Bunrit P, Phanpoka S, **Rungkitwattanakul D** et al. Optimizing fosfomycin dosing regimens in critically ill patients with and without continuous renal replacement therapy. *J Crit Care*. 2025;85:154946. doi:10.1016/j.jcrc.2024.154946
11. Charoensareerat T, Taweeputurat T, Rodjun V, **Rungkitwattanakul D** et al. Intraperitoneal daptomycin dosing for peritonitis may be inadequate: a Monte Carlo simulation approach to optimize dosing and outcomes. *J Chemother*. Published online September 24, 2024. doi:10.1080/1120009X.2024.2407705
12. Weaver SB, Nonyel NP, **Rungkitwattanakul D**. Roles of Pharmacists in the Management of Sickle Cell Disease in Adults: A Narrative Review. *Journal of Pharmacy Technology*. 2024;0(0). doi:10.1177/87551225231222437
13. Chaijamorn W, Phunpon S, Sathienluckana T, **Rungkitwattanakul D**, et al. Lacosamide dosing in patients receiving continuous renal replacement therapy. *J Intensive Care*. 2023;11(1):50. Published 2023 Nov 9. doi:10.1186/s40560-023-00700-4

14. Aldhaefi M, Alshaya A, Belrhiti S, **Rungkitwattanakul D**. Alternatives to Hydrocortisone for Hemodynamic Support in Septic Shock Management Due to Medication Shortage. *Crit Care Explor.* 2023;5(7):e0940. Published 2023 Jun 23. doi:10.1097/CCE.0000000000000940
15. Aldhaefi M, Beers B, Shah J, **Rungkitwattanakul D**, et al. Sodium-Glucose Cotransporter-2 (SGLT-2) Inhibitors Use among Heart Failure Patients and the Role of Pharmacists in Early Initiation of Therapy. *Pharmacy (Basel)*. 2023;11(2):58. Published 2023 Mar 17. doi:10.3390/pharmacy11020058
16. **Rungkitwattanakul D**, Charoensareerat T, Chaichoke E, et al. Piperacillin-tazobactam dosing in anuric acute kidney injury patients receiving continuous renal replacement therapy. *Semin Dial.* 2023;10.1111/sdi.13148. doi:10.1111/sdi.13148
17. Aldhaefi M, Binhadhir LS, Alshammari AS, Alaqil AA, LA Alhumaidan, Alanazi HM, Alqahtani T, Aldhaefi N, Aldardeer NF, Aldhaefi A, Ward R, **Rungkitwattanakul D**. The safety and efficacy of inhaled antibiotics use among mechanically ventilated patients: A brief review of evidence. *Biomedical Research* 2022; 33 (8): 243-245.
18. Aldhaefi M, **Rungkitwattanakul D**, Unonu J, Franklin CJ, Lyons J, Hager K, Daftary MN. The 2022 human monkeypox outbreak: Clinical review and management guidance. *Am J Health Syst Pharm.* 2022. doi:10.1093/ajhp/zxac300
19. **Rungkitwattanakul D**, Mere C, Nwaogwugwu U, Lawson P, Aldhaefi M, Chaijamorn W, Hager K, Daftary M. Monkeypox 2022: What clinicians in the dialysis community should do. *Hemodial Int.* 2022. doi: 10.1111/hdi.13048.
20. Ahmed N, Okany N, Singh D, **Rungkitwattanakul D**, Weaver SB. Rates of Opioid Misuse Amongst Patients Receiving Pain Management for Sickle Cell Disease in An Urban Setting. *J Pharm Pract.* 2022;8971900221128335. doi:10.1177/08971900221128335
21. Pierre-Paul S, Wang XS, Mere C, **Rungkitwattanakul D**. Creating a Machine Learning Tool to Predict Acute Kidney Injury in African American Hospitalized Patients. *Pharmacy.* 2022; 10(4):68. doi.org/10.3390/pharmacy10040068
22. **Rungkitwattanakul D**, Chaijamorn W, Han E, Aldhaefi M. Kidney Function Assessment in African American Patients: A Narrative Review for Pharmacists. *Pharmacy (Basel)*. 2022;10(3):65. doi:10.3390/pharmacy10030065
23. **Rungkitwattanakul D**, Charoensareerat T, Kerdnimith P, et al. Imipenem dosing recommendations for patients undergoing continuous renal replacement therapy: Systematic review and Monte Carlo simulation. *Renal Replacement Therapy*, 2021.
24. **Rungkitwattanakul D**, Ives AL, Harriott NG, Pan-Chen S, Duong L. Comparative incidence of acute kidney injury in patients on vancomycin therapy in combination with cefepime, piperacillin-tazobactam or meropenem. *J Chemother.* 2021;1-7. doi:10.1080/1120009X.2021.1965334
25. Chaijamorn W, Charoensareerat T, **Rungkitwattanakul D**, et al. Levetiracetam dosing in patients receiving continuous renal replacement therapy. *Epilepsia.* 2021;62(9):2151-2158. doi:10.1111/epi.16971
26. Weaver SB, **Rungkitwattanakul D**, Singh D. Contemporary Management and Prevention of Vaso-Occlusive Crises (VOCs) in Adults With Sickle Cell Disease. *J Pharm Pract.* 2021;8971900211026644. doi:10.1177/08971900211026644
27. Kiguchi, M; Schobel, H; TenEyck, E; Earls, B; Pan, S; Freedman, E; Ives, A; **Rungkitwattanakul, D**; Mo, F; Woo, E. The risks and benefits of early venous thromboembolism prophylaxis after elective spinal surgery: A single-centre experience. *J Perioper Pract.* 2021;17504589211002070. doi:10.1177/17504589211002070
28. **Rungkitwattanakul D**, Yabusaki A, Singh D, Lawson P, Nwaogwugwu U, Iheagwara OS, Mere C. COVID-19 vaccine hesitancy among African American hemodialysis patients: A single-center experience. *Hemodial Int.* 2021 Mar 11. doi: 10.1111/hdi.12922. PMID: 33709553.
29. Chaijamorn W, **Rungkitwattanakul D**, Nuchtavorn N, et al. Antiviral Dosing Modification for Coronavirus Disease 2019-Infected Patients Receiving Extracorporeal Therapy. *Crit Care Explor.* 2020;2(10):e0242. Published 2020 Oct 1. doi:10.1097/CCE.0000000000000242
30. **Rungkitwattanakul D**, Chaijamorn W, Charoensareerat T, et al. Optimal levofloxacin dosing regimens in critically ill patients with acute kidney injury receiving continuous renal replacement therapy. *J Crit Care.* 2021;63:154-160. doi:10.1016/j.jcrc.2020.09.018

31. Chaijamorn W, **Rungkitwattanakul D**, Pattharachayakul S, Singhan W, Charoensareerat T, Srisawat N. Meropenem dosing recommendations for critically ill patients receiving continuous renal replacement therapy. *J Crit Care*. 2020;60:285-289. doi:10.1016/j.jcrc.2020.09.001
32. Akiyode O, **Rungkitwattanakul D**, Emezienna N, Noumedem P. The resurgence of mumps. *US Pharm*. 2019;44(5):18-21
33. **Rungkitwattanakul D**. (2017, October 20). Flipping the Classroom: Pharmacy Education Perspectives. Retrieved December 28, 2017, from <http://eductheory.blogspot.com/2017/10/flipping-classroom-pharmacy-education.html>
34. **Rungkitwattanakul D**, Chaijamorn W, Meesomboon R et al. Impact of pharmacy education program on chronic kidney disease patients with complications in an outpatient clinic at Police General Hospital. *Am J Med Qual*. 2014 Apr;30(2):192-193.

Book chapter contributions

Pharmacotherapy Preparatory Review and Recertification- Nephrology chapter American College of Clinical Pharmacy - Reviewer	Sep 2025
Pharmacotherapy Self-Assessment Program (PSAP)- Neurology edition Seizure disorders American College of Clinical Pharmacy- Reviewer	Mar 2024
Ambulatory Care Self-Assessment Program (ACSAP)- Nephrology edition Anemia and CKD-MBD American College of Clinical Pharmacy – Author	Feb 2024
Pharmacotherapy Preparatory Review and Recertification- Nephrology chapter American College of Clinical Pharmacy - Reviewer	Sep 2023

Professional presentations

Protecting the Kidneys: Optimizing Medication Management for Better Acute Kidney Injury Outcomes <ul style="list-style-type: none"> • American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting, Las Vegas, Nevada (ACPE-accredited) 	Dec 2025
The Pharmacist's Role in Nephrotoxin Stewardship <ul style="list-style-type: none"> • Society of Critical Care Medicine Advanced Pharmacotherapy in Critical Care Course 	Nov 2025
Will the Make America Healthy Again (MAHA) Agenda really make America Healthy? Role of the GLP-1 agonists <ul style="list-style-type: none"> • O'Neill Institute Center for National and Global Health Law. Georgetown University Law Center, Washington, D.C. 	Aug 2025
Transitioning from Cockcroft-Gault estimated creatinine clearance to estimated glomerular filtration rate: a call to action <ul style="list-style-type: none"> • Pharmacometrics for Health Sciences Research group and Chulalongkorn University Faculty of Pharmaceutical Sciences, Bangkok, Thailand, Virtual webinar 	Aug 2025
Contemporary Approaches for Estimating Kidney Function in Older Adults <ul style="list-style-type: none"> • American Society of Consultant Pharmacists (ASCP)- Board Certified Geriatric Pharmacist CE program- (ACPE-accredited) 	Aug 2025
Equity in Kidney Care: Reducing Nephrotoxin Burden and Improving Acute Kidney Injury Outcomes	Jun 2025

<ul style="list-style-type: none"> World Health CME, State University of New York Downstate (SUNY Downstate), Brooklyn, New York (CME, ACPE-accredited) 	May 2025
African American Kidney Health: Addressing Disparities in Care	
<ul style="list-style-type: none"> Medicine Grand Round, Department of Medicine, Howard University College of Medicine (CME-accredited) 	
From Outdated to Updated: Ending Cockcroft-Gault for Safer Dosing	Apr 2025
<ul style="list-style-type: none"> Washington Metropolitan Society of Health-System Pharmacists (WMSHP) Virtual webinar, Home study (ACPE-accredited) 	
How to prevent nephrotoxin-associated AKI	Mar 2025
<ul style="list-style-type: none"> Department of Medicine, Howard University College of Medicine 	
HIV and Kidney Disease in African American Patients	Feb 2025
<ul style="list-style-type: none"> MidAtlantic AIDS Education and Training Center (MAAETC) 	
Nephrotoxin burden, acute kidney injury, and nephrotoxin stewardship	Oct 2024
<ul style="list-style-type: none"> District of Columbia College of Clinical Pharmacy (DC-CCP) 	
Nephrotoxin burden, acute kidney injury, and nephrotoxin stewardship	Oct 2024
<ul style="list-style-type: none"> Department of Medicine, Howard University College of Medicine 	
Kidney disease among African Americans: Recent updates and therapeutic advances	Aug 2024
<ul style="list-style-type: none"> National Pharmaceutical Association (NPhA) Annual Convention (ACPE-accredited) 	
Glomerular Diseases: What pharmacists should know.	Apr 2024
<ul style="list-style-type: none"> Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Series (ACPE-accredited) 	
Management of peritoneal dialysis: An update	Mar 2024
<ul style="list-style-type: none"> Department of Medicine, Howard University College of Medicine 	
GFR estimation in transgender patients: An evolution in progress	Dec 2023
<ul style="list-style-type: none"> American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting, Anaheim, California (ACPE-accredited) 	
Medication Safety and Drug Dosing Consideration in Patients with Kidney Diseases	Nov 2023
<ul style="list-style-type: none"> Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Series (ACPE-accredited) 	
Drug Dosing Consideration in Patients with CKD: A clinical update	Jul 2023
<ul style="list-style-type: none"> National Pharmaceutical Association (NPhA) Annual Convention (ACPE-accredited) 	
Vaccinations in hemodialysis patients	Feb 2023
<ul style="list-style-type: none"> Howard University College of Pharmacy CE session (ACPE-accredited) 	
Controversy in Glomerular filtration rate estimation among transgender patients	Feb 2023
<ul style="list-style-type: none"> Howard University College of Pharmacy CE session (ACPE-accredited) 	
Updates in GFR estimation and implications among African American HIV patients	Dec 2022
<ul style="list-style-type: none"> MidAtlantic AIDS Education and Training Center (MAAETC) 	
Practical uses of SGLT-2 inhibitors among patients with diabetes and chronic kidney diseases	Oct 2022
<ul style="list-style-type: none"> Inova Jupiter Program, Inova Fairfax Medical Campus 	
Drug dosing in CRRT	Sep 2022
<ul style="list-style-type: none"> MedStar Health Continuing Pharmacy Education session (ACPE-accredited) 	
Kidney Disease, Race, and renal function assessment	Jul 2022
<ul style="list-style-type: none"> National Pharmaceutical Association (NPhA) Annual Convention (ACPE-accredited) 	
Updates in GFR assessment in African American patients	Jul 2022
<ul style="list-style-type: none"> Inova Jupiter Program, Inova Fairfax Medical Campus- Primary Care 	
GFR estimation in African American Patients	Jun 2022
<ul style="list-style-type: none"> MedStar Health Continuing Pharmacy Education session (ACPE-accredited) 	
Drug Dosing in CRRT	Jun 2022

<ul style="list-style-type: none"> Howard University College of Pharmacy CE session (ACPE-accredited) 	May 2022
CGRP antagonists: Updates in migraine treatment and prevention	
<ul style="list-style-type: none"> Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Series (ACPE-accredited) 	
GFR estimation in transgender patients	May 2022
<ul style="list-style-type: none"> Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Series (ACPE-accredited) 	
Renal function assessment in African American patients	Apr 2022
<ul style="list-style-type: none"> Howard University College of Pharmacy CE session (ACPE-accredited) 	
Transforming Residents from Recent Students Into Effective Preceptors and Instructors	Oct 2021
<ul style="list-style-type: none"> ASHP National Pharmacy Preceptor Conference (ACPE-accredited) 	
Drug Dosing in CRRT	Oct 2021
<ul style="list-style-type: none"> Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Series (ACPE-accredited) 	
Treatment of HIV related nephropathy	Oct 2021
<ul style="list-style-type: none"> MidAtlantic Aids Education Training Center (MAAETC) 	
Vancomycin Pharmacokinetics, Monitoring: An update	May 2021
<ul style="list-style-type: none"> Department of Pharmacy, Adventist Health-System (ACPE-accredited) 	
Vancomycin guideline updates/ Pharmacotherapy of Gram-positive bacterial infection	May 2021
<ul style="list-style-type: none"> Grand round, Department of Family Medicine, Howard University College of Medicine 	
Assessment of renal function in transgender patients	Jun 2021
<ul style="list-style-type: none"> MidAtlantic Aids Education Training Center (MAAETC) (ACPE-accredited) 	
Drug dosing in renal impairment	Mar 2021
<ul style="list-style-type: none"> Noon conference, Department of Medicine, Howard University College of Medicine 	
Renal function assessment in transgender patients with HIV	Feb 2021
<ul style="list-style-type: none"> Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Series (ACPE-accredited) 	
Medication related issues during COVID-19 treatment	Jun 2020
<ul style="list-style-type: none"> Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Series (ACPE-accredited) 	
Management of end-stage renal disease patients with cardiovascular diseases: where's the evidence?	Feb 2020
<ul style="list-style-type: none"> Howard University College of Pharmacy (ACPE-accredited) 	
Medication errors among patients with renal impairment	Sep 2019
<ul style="list-style-type: none"> Washington Metropolitan Society of Health-System Pharmacist- Fall CE conference (ACPE-accredited) 	
DOACs in Special population	Jun 2018
<ul style="list-style-type: none"> Georgetown University Hospital (ACPE-accredited) 	

Poster/Podium presentations

Bryan A, Oranekwu O, Akinrinsola O, Takyi R, Rungkitwattanakul. Characteristics of Nephrotoxin Exposure Among Hospitalized African American Patients.	Dec 2024
<ul style="list-style-type: none"> Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, New Orleans, LA 	
Oranekwu O, Bryan A, Quantifying nephrotoxin burden among hospitalized patients diagnosed with hospital-acquired acute kidney injury (HA-AKI) at an urban academic medical center.	Dec 2024
<ul style="list-style-type: none"> Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, New Orleans, LA 	

Akpede C, Johnson B, Rungkitwattanukul D. Assessing and enhancing adherence to the 2012 KDIGO Acute Kidney Injury (AKI) guidelines in African American patients with AKI at Howard University Hospital.	Dec 2024
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, New Orleans, LA 	
Rungkitwattanukul D. Effect of Removing Race Coefficient from Glomerular Filtration Rate Estimating Equations on antidiabetics dosing and eligibility.	Jun 2024
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Summer Meeting, Portland, OR 	
Ajayi O, Rungkitwattanukul D. Targeted Pharmacotherapy Management of Immunoglobulin A Nephropathy: A scoping Review of Evidence.	Dec 2023
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA 	
Brown E, Patterson K, Evans E, Rungkitwattanukul D. Effect of Removing Race Coefficient from Glomerular Filtration Rate Estimating Equations: A Focus on Metformin and Sodium Glucose Cotransporter-2 Inhibitors Dosing and Eligibility.	Dec 2023
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA 	
Carter B, Nonyel N, Daftary MN, Rungkitwattanukul D. Predictors, disparities, and prescription patterns of kidney protective medications among patients with diabetes and chronic kidney disease.	Dec 2023
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA 	
Chapman C, Nazaire W, Rungkitwattanukul D. Renal Outcomes of Sacubitril/Valsartan in Chronic Kidney Disease Patients: A Scoping Review of Evidence.	Dec 2023
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA 	
Frimpong V, Nimoh O, Rebold N, Rungkitwattanukul D. Linezolid induced hyponatremia: A scoping review of evidence.	Dec 2023
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA 	
Miller B, Campbell C, Rungkitwattanukul D, Williams S. Clinical factors affecting the accuracy of glycated hemoglobin (Hb A1c) among African American patients: a scoping review of evidence.	Dec 2023
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA 	
Montague TL, Lowery J, Rungkitwattanukul D, Daftary MN. Comparison of renal function estimators and their impact on pharmacotherapy eligibility: A monte carlo approach.	Dec 2023
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA 	
Patterson K, Nworji A, Rungkitwattanukul D, Rebold N. Performance of BioFire Blood Culture Identification 2 Panel (BCID2) in Adult Patients with Bloodstream Infection: A single center experience.	Dec 2023
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA 	
Patterson K, Brown E, Evans E, Rungkitwattanukul D. Effect of Removing Race Coefficient from Glomerular Filtration Rate Estimating Equations: A Focus on Metformin and Sodium Glucose Cotransporter-2 Inhibitors Dosing and Eligibility.	Dec 2023
<ul style="list-style-type: none"> • Poster presentation at American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA 	

Effect of race coefficient glomerular filtration estimation equate on SGLT2 inhibitors eligibility.	Dec 2022
<ul style="list-style-type: none"> Presented at the American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV 	
Evaluation of The Efficacy and Safety of Norepinephrine Plus Phenylephrine as An Alternative Therapy to Norepinephrine Plus Vasopressin for Septic Shock at a Resource-Limited Hospital	Dec 2022
<ul style="list-style-type: none"> Presented at the American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV 	
Creating machine learning in predicting acute kidney injury among African American hospitalized patients	Dec 2021
<ul style="list-style-type: none"> Virtually presented at American Society of Health-System Pharmacist Midyear Clinical Meeting 	
Evaluation of predicted versus actual vancomycin concentrations using an electronic dosing program in medical ICU patients at an urban academic medical center	Dec 2021
<ul style="list-style-type: none"> Virtually presented at American Society of Health-System Pharmacist Midyear Clinical Meeting 	
Optimal Cefepime Dosing Regimens in Obese Critically Ill Patients with AKI Receiving Continuous Renal Replacement Therapy	Oct 2021
<ul style="list-style-type: none"> Virtually presented at American Society of Nephrology Kidney Week 	
Incidence of drug induced nephrotoxicity in African American hospitalized patients	Dec 2020
<ul style="list-style-type: none"> Virtually presented at American Society of Health-System Pharmacist Midyear Clinical Meeting 	
Predictor of 30-day hospital readmission among minority chronic maintenance hemodialysis patient	Oct 2020
<ul style="list-style-type: none"> Virtually presented at American Society of Nephrology Kidney Week 	
Systematic review of hydroxychloroquine/azithromycin efficacy on the treatment of COVID-19	May 2020
<ul style="list-style-type: none"> Virtually presented at American College of Clinical Pharmacy Virtual Poster Symposium 	
Meropenem dosing among critically ill patients receiving continuous renal replacement therapy (CRRT)	Feb 2020
<ul style="list-style-type: none"> Presented at International Conference on Advances in Critical Care Nephrology 2020, San Diego, CA 	
Impact of loop diuretics among acute decompensated heart failure patients in critical care unit,	Dec 2019
<ul style="list-style-type: none"> Presented at American Society of Health-System Pharmacist Midyear Clinical Meeting, Las Vegas, NV 	
Outcomes of apixaban on extracorporeal clotting and bleeding among maintenance hemodialysis patients	May 2019
<ul style="list-style-type: none"> Presented at the National Kidney Foundation Spring Clinical Meeting, Boston, MA 	
Incidence of acute kidney injury in patients on vancomycin therapy in combination with cefepime, piperacillin-tazobactam or meropenem	Dec 2017
<ul style="list-style-type: none"> Presented at American Society of Health-System Pharmacist Midyear Clinical Meeting, Las Vegas, NV 	
Comparative review of tertiary medical sources on dialysis of drugs for patients receiving intermittent hemodialysis	Oct 2017
<ul style="list-style-type: none"> Presented at American College of Clinical Pharmacy Clinical Meeting, Hollywood, FL 	

GRANTMANSHIP

Federal Funding

Sponsor: Health Resources and Service Administration (HRSA) Jul 2022- Jun 2027

Project title: Center of Excellence for Minority Health at College of Pharmacy

Role: Co-investigator

Awarded fund: 3,430,000

Award ID: D34HP16042

Description:

- Provide training and conduct research in kidney disease among minority population.

Sponsor: Health Resources and Service Administration (HRSA) Jul 2025- Jun 2026

Project title: The Mid Atlantic AIDS Education and Training Center Howard University

Local Partner Site (MAAETC HULPS)

Role: Co-investigator, Training coordinator

Award funded: 3% salary support

Award ID: 1 TR7HA53201-02-00, CDFA Number: 93.145

Description:

- Provide training in kidney disease management and prevention among adults living with HIV disease.

Sponsor: Health Resources and Service Administration (HRSA)

Project title: The Mid Atlantic AIDS Education and Training Center Howard University Jul 2022- Jun 2023

Local Partner Site (MAAETC HULPS)

Role: Co-investigator, Minority AIDS and Ending the HIV Epidemic initiatives coordinator

Award funded: 5% salary support

Award ID: U1OHA29295, CDFA Number: 93.145

Description:

- Provide training in kidney disease management and prevention among adults living with HIV disease.

Sponsor: Health Resources and Service Administration (HRSA)

Project title: The Mid Atlantic AIDS Education and Training Center Howard University Jul 2021- Jun 2022

Local Partner Site (MAAETC HULPS)

Role: Co-investigator, Minority AIDS and Ending the HIV Epidemic initiatives coordinator

Award funded: 12% salary support

Award ID: U1OHA29295, CDFA Number: 93.145

Description:

- Provide training in kidney disease management and prevention among adults living with HIV disease.

Sponsor: Health Resources and Service Administration (HRSA)

Project title: The Mid Atlantic AIDS Education and Training Center Howard University Jul 2020- Jun 2021

Local Partner Site (MAAETC HULPS)

Role: Co-investigator, COVID-19 coordinator

Award funded: 20% salary support

Award ID: H1LHA3734, CDFA Number: 93.145

Description:

- Provide training in kidney disease management and prevention among adults living with COVID-19 diseases.

Organization and Foundation Funding

Sponsor: American Society of Health-System Pharmacists (ASHP) Foundation Jun 2025

Project title: Leveraging Clinical Decision Support System and Kidney Stress Biomarkers to Prevent Hospital-Acquired Acute Kidney Injury in High-Risk Populations

Role: Principal investigator (PI)

Award funded: 50,000

Award ID: AWD000924/ GRT000996

Description:

- Examine the outcomes of using stress kidney biomarkers for the prevention of medication associated acute kidney injury.

Sponsor: American College of Clinical Pharmacy (ACCP)- Seed Grant Oct 2024

Project title: Identifying barriers and facilitators to improve nephrotoxin management at historically black colleges and universities hospital.

Role: Principal investigator (PI)

Award funded: 2,200

Award ID: N/A

Description:

- Evaluate barriers and facilitators to improve nephrotoxin management at a local academic medical center serving predominantly minority patients.

Sponsor: Howard University College of Pharmacy Research Grant Jun 2024

Project title: Pharmacokinetic of cefepime for the treatment of peritonitis in automated peritoneal dialysis

Role: Principal investigator (PI)

Award funded: 5,000

Award ID: CPRSG 2024-2

Description:

- Evaluate pharmacokinetics of cefepime among automated peritoneal dialysis patients

Sponsor: Georgetown-Howard Universities Center for Clinical and Translational Sciences Apr 2024

Project title: Improving outcomes of acute kidney injury among Black hospitalized patients with novel biomarkers and nephrotoxin stewardship

Role: Principal investigator (PI)

Award funded: Not funded

Sponsor: National Association of Chain Drug Store (NACDS) Foundation Apr 2023

Project title: Transition of Care and Financial Assistance for African American Heart Failure Patients in the District of Columbia

Role: Co-Principal investigator (Co-PI)

Award funded: 20,000

Award ID: N/A

Description:

- Created programs to improve outcomes of African American heart failure patients with kidney disease

Sponsor: Georgetown-Howard Universities Center for Clinical and Translational Sciences Apr 2023

Project title: Antibiotic dosing among patients receiving prolonged intermittent renal replacement therapy

Role: Principal investigator (PI)

Award funded: Not funded

Sponsor: Boehringer Ingelheim Nov 2022
 Project title: Evaluation of The Safety and Efficacy of Empagliflozin Among Patients with Black Descent and Heart Failure in A Community Academic Center
 Role: Co-investigator (Co-I)
 Award funded: Not funded

Sponsor: District of Columbia Center for Aids Research (DC-CFAR) May 2020
 Project title: Clinical characteristics and outcomes among HIV-infected patients with COVID-19
 Role: Principal investigator (PI)
Award funded: 10,000
 Award ID: N/A
 Description

- Evaluate outcomes of co-administration of antiretrovirals and COVID-19 infections

Sponsor: National Association of Chain Drug Store (NACDS) Foundation Feb 2019
 Project title: Bridging the gap: using technology to improve medication knowledge among non-native English-speaking minority patients in the District of Columbia
 Role: Co-principal investigator (Co-PI)
Award funded: 20,000
 Award ID: N/A
 Description

- Evaluate outcomes of using technology to improve medication adherence among maintenance hemodialysis non-native English speaking patients.

AWARDS & RECOGNITIONS

Fellow of the American Society of Nephrology (FASN)	Dec 2025
Certificate of Recognition—University of Pittsburgh School of Pharmacy	Jun 2025
C.A.R.E. Faculty Recognition Award – Howard University College of Pharmacy	May 2025
Up and Coming Researcher of The Year- Office of Research, Howard University	Apr 2025
Certificate of Recognition—University of Pittsburgh School of Pharmacy	Jun 2024
C.A.R.E. Faculty Recognition Award – Howard University College of Pharmacy	May 2024
Leadership Recognition Award – American Society of Health-System Pharmacists (ASHP)	Jan 2023
Pharmacist of the year - Washington Metropolitan Society of Health-System Pharmacists (WMSHP)	Dec 2022
Leadership Excellence Award- Washington Metropolitan Society of Health-System Pharmacists (WMSHP)	Dec 2021
Fellow of the National Kidney Foundation (FNKF)	Jun 2021- Present
Service Award- Washington Metropolitan Society of Health-System Pharmacists (WMSHP)	Nov 2020
Top 30 Finalist: The SternFel Prize for Drug Safety Discovery	Feb 2019 Feb 2020 Feb 2021
Terry Paul Crovo Award in Pharmacy Practice for Performance and Promise to Uphold the Highest Standards of the Profession	May 2017
Dean's list	Oct 2013- May 2017
University of Maryland Scholarship recipient	Sep 2016
Kaiser Permanente Scholarship Recipient	Jun 2015
Rho Chi Honor Society Induction	Feb 2015

LICENSURES & CERTIFICATIONS

Lumen Circles Fellowship in Online Education	Feb 2021
Faculty Scholar – Writing and Creative Works Summer Academy	Aug 2020
Board Certified Pharmacotherapy Specialist (BCPS)	Nov 2018- Present
Maryland Pharmacist License (Inactive)	Sep 2017- Mar 2019
Washington D.C. Pharmacist license (Active)	Aug 2017- Present
American Heart Association (AHA)- Certified Advanced Cardiac Life Support (ACLS)	Jul 2017- Present

REFERENCES

Available upon request