Dhakrit "Jesse" Rungkitwattanakul, PharmD BCPS FNKF

PERSONAL INFORMATION

Howard University College of Pharmacy Department of Clinical and Administrative Pharmacy Sciences 2300 4th St NW, Annex 3 Room 124 Washington, D.C. 20059

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EDUCATION/ TRAINING

Georgetown University Hospital, Washington, D.C.

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

Jun 2017- Jul 2018

Doctor of Pharmacy, Cum Laude

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

WORK EXPERIENCE

Clinical Assistant Professor

Jul 2018- Present

Department of Clinical and Administrative Pharmacy Sciences Howard University College of Pharmacy

Washington, D.C.

Academic Tutor Aug 2015- May 2017

University of Maryland School of Pharmacy,

Baltimore, Maryland

Administrative Assistant Apr 2014- Aug 2016

Office of Student Services, Center for Recruitment, Transfer and Admission

The Universities at Shady Grove

Rockville, Maryland

CLINICAL PRACTICE SITES

Nephrology Clinical Pharmacist

Aug 2018- Present

Howard University Hospital, Washington, D.C.

- Acute Nephrology consult service hospital wide
- 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

o Student and resident precepting

Ambulatory Care Clinical Pharmacist

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)
 - o Care coordination, documentation
 - Patient education and post-hospital discharge medication review/counseling
 - O Students, residents, and fellows precepting

TEACHING EXPERIENCE

Course	Credit	Activities	Role
Course	Hours	Acuviues	Roie
Elective: Skills in Clinical Adult Medicine (Spring 2022- Present)	3.0	Coordinate and teach the course	Course-coordinator
Didactic: Integrated Therapeutics II (Spring 2019- Present)	3.0	Lecture title:Venous ThromboembolismPulmonary hypertension	Lecturer
Didactic: Integrated Therapeutics III (Fall 2019- Present)	3.0	 Lecture title: Management of Gram-positive infection Management of Gram-negative infection Intraabdominal infection Surgical site prophylaxis and infection 	Course-coordinator
		Bacteremia /Bloodstream infectionTick-borne diseases	
Didactic: Integrated Therapeutics IV (Spring 2019- Present)	2.0	Lecture title: • Solid Organ Transplant I, II	Lecturer
Didactic: Integrated Therapeutics V (Fall 2018- Present)	3.0	 Lecture title: Anemia in Acute care Drug induced hematologic disorders Pain management 	Lecturer
Didactic: Integrated Therapeutics VI (Spring 2019- Present)	3.0	Lecture title: 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	Lecturer
Didactic: Integrated Therapeutics VII (Spring 2019- Spring 2021)	3.0	Lecture title: • Pediatric Mental Health	Lecturer

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

POST GRADUATE PHARMACY PRACTICE PRECEPTING EXPERIENCE

Inpatient Nephrology rotation (6 week)

June 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)

• 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 academia/teaching rotation (12 month)

- Required rotation for Trusted Heath Plan- PGY-1 Managed Care Pharmacy residency
- Precept 2 residents per year

Longitudinal drug information rotation (12 month)

- Required rotation for PGY-1 Pharmacy Practice resident at Howard University Hospital
- Precept 4 residents per year

PROFESSIONAL AND COMMUNITY SERVICES

Service to the University/College of Pharmacy

Faculty Search Committee for Infectious Diseases position	Mar 2022- May 2022
Howard University College of Pharmacy: Chair	
Faculty Search Committee for Internal Medicine position	Dec 2021- Feb 2022
Howard University College of Pharmacy: Chair	
Professional Identity committee	May 2021- Aug 2021
Howard University College of Pharmacy: Member	
Faculty Search for Internal Medicine position	May 2021- Aug 2021
Howard University College of Pharmacy: Chair	
Research Residency Advisory Committee (RRAC) for PGY-1 residency program	May 2021- Present
Howard University Hospital: Chair	

Vaccine Task force: Marketing campaign regarding pharmacist credentialling committee	Jan 2021- Jan 2022
Howard University College of Pharmacy- Chair	v 2021 v 2022
Special Task force in Health Equity Leadership Program (HELP) with the University of Wyoming	Oct 2019- Present
Howard University College of Pharmacy: Faculty lead	
Professionalism and Ethics committee	Jan 2019- Aug 2021
 Howard University College of Pharmacy: Member Continuing professional education and alumni affairs 	Sep 2018- Aug 2021
Howard University College of Pharmacy: Committee member	Sep 2016- Aug 2021
Admission, Recruitment and Retention	Aug 2019- Present
Howard University College of Pharmacy: Committee member International and Global vision	Dec 2018- Present
Howard University College of Pharmacy: Committee member	Dec 2010 Tresent
Interprofessional Education	Aug 2018- Nov 2019
Howard University: Pharmacy Representative	
Service to the Profession	
Washington Metropolitan Society of Health-System Pharmacist (WMSHP)	Jan 2021- Present
• President	
• President-Elect	
 Chair for the planning committee/ Finance committee MidAtlantic Aids and Education Training Center (MAAETC)- District of Columbia 	Jun 2020- Present
COVID-19 regional representative	
American Association of Colleges of Pharmacy (AACP)-Pharmacy Practice section: Scholarship and research committee	Jul 2022
Chair-elect	
National Kidney Foundation (NKF) Serving the national capital region- Medical	May 2022
Advisory Board • Member	
National Kidney Foundation (NKF)- Nutrition Advisory Committee (National level)	May 2021
• Member	
International Society on Thrombosis and Haemostasis (ISTH)Control of anticoagulation subcommittee member	Jul 2020- Present
Reviewer Services	
Annals of Pharmacotherapy	Nov 2022
Annals of Medicine Journal of Nephrology	Nov 2022 Oct 2022
Drug Safety	Oct 2022
Journal of Clinical Medicine	Jun, Nov 2022
Clinical Journal of American Society of Nephrology International Journal of Immunopharmacology	Sep 2021 Mar 2021
Journal of Pharmacy Practice	Jun 2020-Present
Journal of biomolecular structure and dynamics	Jun 2020
Journal of antimicrobial and chemotherapy	Feb 2020

PROFESSIONAL MEMBERSHIP

SCHOLARSHIP

Peer-reviewed publications

- 1. 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.
- 2. Aldhaeefi 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
- 3. **Rungkitwattanakul D,** Mere C, Nwaogwugwu U, Lawson P, Aldhaeefi 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.
- 4. 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
- 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
- 6. **Rungkitwattanakul D**, Chaijamorn W, Han E, Aldhaeefi M. Kidney Function Assessment in African American Patients: A Narrative Review for Pharmacists. Pharmacy (Basel). 2022;10(3):65. doi:10.3390/pharmacy10030065
- 7. **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.
- 8. **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
- 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
- 10. 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
- 11. **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.
- 12. 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.000000000000242
- 13. **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
- 14. 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
- 15. Akiyode O, **Rungkitwattanakul D**, Emezienna N, Noumedem P. The resurgence of mumps. US Pharm. 2019;44(5)18-21

- 16. **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
- 17. **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.

Professional presentations

Practical uses of SGLT-2 inhibitors among patients with diabetes and chronic kidney diseases	Oct 2022
 Inova Jupiter Program, Inova Fairfax Medical Campus 	
Drug dosing in CRRT	Sep 2022
 MedStar Health Continuing Pharmacy Education session (ACPE-accredited) 	
Kidney Disease, Race, and renal function assessment	Jul 2022
 National Pharmaceutical Association (NPhA) Annual Convention (ACPE- 	
accredited)	
Updates in GFR assessment in African American patients	I 12022
 Inova Jupiter Program, Inova Fairfax Medical Campus- Primary Care 	Jul 2022
GFR estimation in African American Patients	Jun 2022
MedStar Health Continuing Pharmacy Education session (ACPE-accredited)	
Drug Dosing in CRRT	Jun 2022
Howard University College of Pharmacy CE session (ACPE-accredited)	3.6 0000
CGRP antagonists: Updates in migraine treatment and prevention	May 2022
 Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Series (ACPE-accredited) 	
GFR estimation in transgender patients	May 2022
 Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Series (ACPE-accredited) 	
Renal function assessment in African American patients	Apr 2022
 Howard University College of Pharmacy CE session (ACPE-accredited) 	
Transforming Residents from Recent Students Into Effective Preceptors and Instructors	Oct 2021
 ASHP National Pharmacy Preceptor Conference (ACPE-accredited) 	
Drug Dosing in CRRT	Oct 2021
 Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar 	
Series (ACPE-accredited)	
Treatment of HIV related nephropathy	Oct 2021
 MidAtlantic Aids Education Training Center (MAAETC) 	
Vancomycin Pharmacokinetics, Monitoring: An update	May 2021
 Department of Pharmacy, Adventist Health-System (ACPE-accredited) 	
Vancomycin guideline updates/ Pharmacotherapy of Gram-positive bacterial infection	May 2021
Grand round, Department of Family Medicine, Howard University College of	
Medicine	
Assessment of renal function in transgender patients	June 2021
MidAtlantic Aids Education Training Center (MAAETC) (ACPE-accredited)	3.6 0004
Drug dosing in renal impairment	Mar 2021
Noon conference, Department of Medicine, Howard University College of	
Medicine Persol for this process and in the proting to proting to proting the proting the proting to proting the proting the proting to proting the proting the proton to proting the proton to proton	E-1- 2021
Renal function assessment in transgender patients with HIV	Feb 2021
Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar Society (ACPE page dited)	
Series (ACPE-accredited) Medication related issues during COVID-19 treatment	June 2020
Wedication related issues during CO v ID-17 treatment	Julie 2020

Washington Metropolitan Society of Health-System Pharmacist Virtual Seminar	
Series (ACPE-accredited) Management of end-stage renal disease patients with cardiovascular diseases: where's	Feb 2020
 Howard University College of Pharmacy (ACPE-accredited) Medication errors among patients with renal impairment Washington Metropolitan Society of Health-System Pharmacist- Fall CE conference (ACPE-accredited) DOACs in Special population 	Sep 2019 Jun 2018
Georgetown University Hospital (ACPE-accredited)	
Poster/Podium presentations	
Creating machine learning in predicting acute kidney injury among African American hospitalized patients • Virtually presented at American Society of Health-System Pharmacist Midyear	Dec 2021
Clinical Meeting Evaluation of predicted versus actual vancomycin concentrations using an electronic dosing program in medical ICU patients at an urban academic medical center • Virtually presented at American Society of Health-System Pharmacist Midyear	Dec 2021
Clinical Meeting Optimal Cefepime Dosing Regimens in Obese Critically Ill Patients with AKI Receiving Continuous Renal Replacement Therapy	Oct 2021
 Virtually presented at American Society of Nephrology Kidney Week Incidence of drug induced nephrotoxicity in African American hospitalized patients Virtually presented at American Society of Health-System Pharmacist Midyear 	Dec 2020
Clinical Meeting Predictor of 30-day hospital readmission among minority chronic maintenance hemodialysis patient	Oct 2020
 Virtually presented at American Society of Nephrology Kidney Week Systematic review of hydroxychroloquine/azithromycin efficacy on the treatment of COVID-19 	May 2020
Virtually presented at American College of Clinical Pharmacy Virtual Poster Symposium Marganese desires among aritically ill potients receiving continuous rough surfacement.	Eak 2020
Meropenem dosing among critically ill patients receiving continuous renal replacement therapy (CRRT) • Presented at International Conference on Advances in Critical Care Nephrology	Feb 2020
2020, San Diego, CA Impact of loop diuretics among acute decompensated heart failure patients in critical care unit,	Dec 2019
Presented at American Society of Health-System Pharmacist Midyear Clinical Meeting, Las Vegas, NV	M 2010
Outcomes of apixaban on extracorporeal clotting and bleeding among maintenance hemodialysis patients • presented at the National Kidney Foundation Spring Clinical Meeting, Boston,	May 2019
MA Incidence of acute kidney injury in patients on vancomycin therapy in combination with cefepime, piperacillin-tazobactam or meropenem • Presented at American Society of Health-System Pharmacist Midyear Clinical	Dec 2017
Meeting, Las Vegas, NV Comparative review of tertiary medical sources on dialysis of drugs for patients receiving intermittent hemodialysis	Oct 2017

 Presented at American College of Clinical Pharmacy Clinical Meeting, Hollywood, FL

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GRANTMANSHIP
MidAtlantic Aids Education and Training Center: Howard University Regional Partner

Award: 5% effort. **Funded**

Federal Award ID: U10HA29295, CDFA Number: 93.145

Co-Principal Investigator: Monika N. Daftary, PharmD. (Principal Investigator: Linda

Frank, PhD – University of Pittsburgh

MidAtlantic Aids Education and Training Center: Howard University Regional Partner Jul 2021- Jun 2022

Jul 2021- Jun 2023

Role: Minority AIDS and Ending the HIV Epidemic initiatives coordinator

Role: Minority AIDS and Ending the HIV Epidemic initiatives coordinator

Award: 12% effort, Funded

Federal Award ID: U10HA29295, CDFA Number: 93.145

Co-Principal Investigator: Monika N. Daftary, PharmD. (Principal Investigator: Linda

Frank, PhD – University of Pittsburgh

MidAtlantic Aids Education and Training Center: Howard University Regional Partner

Jul 2020- Jun 2021

Role: COVID-19 coordinator Award: 20% effort, **Funded**

Federal Award ID: H1LHA3734 CDFA Number: 93.145

Co-Principal Investigator: Monika N. Daftary, PharmD. (Principal Investigator: Linda

Frank, PhD – University of Pittsburgh

Pharmacokinetics and pharmacodynamics of antimicrobial agents in adults with sickle Jan 2022 cell disease nephropathy

Role: Principal investigator (PI)

Sternfel Prize for Drug Safety and Discovery

Award: \$30,000, Not funded

Novel approach for to predict drug induced acute kidney injury and machine learning

Jan 2021

Role: Principal investigator (PI)

Sternfel Prize for Drug Safety and Discovery

Award: \$30,000, Not funded

Clinical characteristics and outcomes among HIV-infected patients with COVID-19 May 2020

Role: Principal investigator (PI)

District of Columbia Center for Aids Research (DC-CFAR)

Award: \$10,000 **Funded**

Pharmacy-run smoking cessation program Feb 2020

Role: Co-PI

hemodialysis

National Association of Chain Drug Store (NACDS)

Award: \$20,000, Not funded

Safety and efficacy of iron chelators among end-stage renal disease patients receiving

Jan 2020

Role: Principal investigator (PI)

Sternfel Prize for Drug Safety and Discovery

Award: \$30,000, Not funded

Bridging the gap: using technology to improve medication knowledge among non-native Feb 2019

English-speaking minority patients in the District of Columbia

Role: Co- PI

National Association of Chain Drug Store (NACDS)

Award: \$20,000, **Funded**

Efficacy and safety of direct oral anticoagulants (DOACs) in maintenance hemodialysis

patients

Role: Principal investigator (PI)

Sternfel Prize for Drug Safety and Discovery

Award: \$30,000, Not funded

AWARDS & RECOGNITIONS

Leadership Excellence Award- Washington Metropolitan Society of Health-System	Dec 2021
Pharmacists	
Fellow of the National Kidney Foundation (FNKF)	Jun 2021- Present
Service Award- Washington Metropolitan Society of Health-System Pharmacists	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	May 2017
the Highest Standards of the Profession	
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
Professional Certification in Pain Management (on-going)	May 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

Jan 2019