

A YEAR OF ACHIEVEMENTS

2022–2023

ANNUAL REPORT



1867

HOWARD
UNIVERSITY

College of
Pharmacy



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Dean's Insight



We are filled with immense pride and excitement for the journey that lies ahead and deeply grateful for the unwavering support and dedication of our vibrant College of Pharmacy (COP) community, dedicated alumni, benevolent donors and esteemed partners.

Over the past year, we have continued to stand firm as a stalwart in the training of pharmacists domestically, and I am humbled by the opportunity to serve as your dean during this remarkable time. The unwavering dedication and passion displayed by each member of our COP community have been instrumental in shaping our institution's continued success.

Recently, 94% of our graduating students had job offerings exactly one month after graduation. This outstanding statistic underscores the trust that employers place in our graduates, recognizing their competence, skills, and readiness to contribute significantly to the field of pharmacy.

Our commitment to academic excellence and groundbreaking research has not gone unnoticed, as evidenced by our status as #3 among private colleges/schools of pharmacy on all grants.

These grants have allowed us to foster innovation, push the boundaries of pharmaceutical research, and provide invaluable experiences to our students, enabling them to become trailblazers in their respective areas of interest.

In line with our vision for expansion and collaboration, we are pleased to report a continued increase in partnerships with other esteemed institutions. These collaborations have opened exciting avenues for interdisciplinary research, exchange programs, and joint initiatives that enrich the learning experience for our students and faculty alike.

Furthermore, we are delighted to announce the approval of a joint PharmD/MPH dual degree program by the University. This joint program will equip our graduates with an unparalleled set of skills and knowledge, positioning them as leaders in the ever-evolving landscape of pharmacy practice and public health.

As we set our sights on the horizon, the vision of our future is taking shape with the development of our strategic plan for the years 2023 to 2027. This strategic plan serves as our guiding light, propelling our momentum and influencing our decision-making process. It also allows us the flexibility to embrace new opportunities and pursue innovative ideas as they arise. With this plan in hand, we are well-equipped to navigate the future while remaining open to bold and transformative endeavors.

In conclusion, I extend my heartfelt gratitude to each member of the College of Pharmacy community, our cherished alumni, our generous donors, and our esteemed partners for their invaluable contributions to our college's success. Together, let us rise to the challenge and embrace the opportunities that lie ahead. With our collective effort, we will undoubtedly make Howard University College of Pharmacy a premier institution for pharmacy education, recognized and celebrated worldwide.

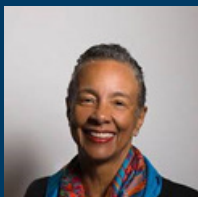
Ranti Akiyode, Pharm.D., BCPS

A stylized, handwritten signature in black ink, appearing to read 'Ranti Akiyode'.

WE EXCEL!

Board of Visitors

Howard University Welcomes our Board of Visitors



Minnie V. Baylor-Henry, JD, '72
Board of Trustees, Howard University President, Baylor-Henry Associates,
Boston, MA
Board of Trustees 2022



Paul W. Abramowitz, PharmD, Sc.D. (Hon), FASP
Chief Executive Officer of the American Society of Health-System
Pharmacist (ASHP)
Board of Visitors 2023



Emmanuel O. Fadiran, RPh, PhD
Senior Vice President, Regulatory Affairs Anavex Life Sciences Corp. NY, USA
Board of Visitors 2020



Belinda Hightower-Jervis, MBA, Ph.D.
Independent Pharmaceutical Consultant
Board of Visitors 2020



Ralonda Jasper, MBA, '14
National Account Executive at Equifax – Workforce Solutions
Board of Visitors 2020



Mark Shaefer, PharmD, FCCP
Board of Visitors 2020

Adora Ndu, PharmD, JD, '05
Chief Regulatory Affairs Officer of Bridgebio Pharma Inc.
Board of Visitors 2020



Christopher N. Cross, PhD, '14, '19
Founder & Managing Director | Cross River Strategies, LLC
Ruth L. Kirschstein Fellow | Yale University, Principal Investigator
Center for Community Engagement and Health Equity, Yale Cancer Center
Board of Visitors 2021



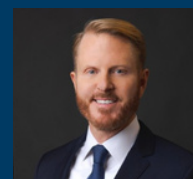
Alberto Grignolo, Ph.D.
Corporate Vice President, Paraxel
Board of Visitors 2023



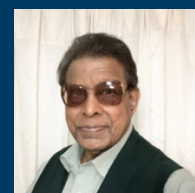
Wanda Hill, R.Ph., JD, '90
Vice President, GSK, Strategic Initiatives, US Gov't Affairs and Public Policy
Board of Visitors 2023



Anthony Lakavage, JD
Senior Vice President, Global External Affairs and Secretary, USP
Convention and Board of Trustees
Board of Visitors 2023



Vaiyapuri Subramaniam, PharmD, MS, FCP, FASHP, FASCP, FFIP
President Emeritus & Council Board, Washington Metropolitan
Society of Health System Pharmacists
Board of Visitors 2020



College Leadership

Ranti Akiyode, Pharm.D., BCPS

Dean and Professor

Muhammad Habib, Ph.D.

Associate Dean of Academic Affairs and Professor

Youness R. Karodeh, Pharm.D., R. Ph

Assistant Dean and Associate Professor

Earl Ettienne, BSc Pharm, MBA, LP.D. RPh

Assistant Dean of Graduate Programs and Industry Partnerships

Malaika R. Turner, PharmD, MPH

Interim Assistant Dean of Student Affairs, Clinical Assistant Professor, Department of Clinical & Administrative Pharmacy Sciences

Monika N. Daftary, PharmD, BCPS, AAHIVP

Chair & Professor, Department of Clinical & Administrative Pharmacy Sciences

Indiran Pather, D. Pharm.

Chair & Professor, Department of Pharmaceutical Sciences

Directors

Jamila Jorden, PharmD, MBA

Director of Experiential Education, Career & Professional Development Coordinator

La'Marcus Wingate, PharmD, PhD

Associate Professor and Director of Assessment

Careen-Joan Franklin, PharmD

Director of Community Pharmacy Residency Programs

James Jordan

Director of Development, Health Sciences, Development and Alumni Relations

Programs & Departments

Howard University College of Pharmacy strives to be a premier University in teaching, learning, research, leadership and service locally and globally.

Clinical and Administrative Pharmacy Sciences (CAPS)

Clinical and Administrative Pharmacy Sciences department, unifying pharmacy practice and social and administrative pharmacy sciences. With a dedicated team of sixteen faculty members in pharmacy practice and four in social and administrative pharmacy, shaping the majority of the college's curriculum and offer a prestigious Ph.D. program in social and administrative disciplines, providing students with hands-on experiences and opportunities for advanced learning and research.

Monika N. Daftary, PharmD, BCPS AQ-ID, AAHIVP

Chair & Professor

Department of Clinical & Administrative Pharmacy Sciences

mdaftary@howard.edu

Pharmaceutical Sciences Department

The Pharmaceutical Sciences Department plays a pivotal role in the PharmD program by providing essential courses that impart a comprehensive understanding of fundamental pharmaceutical and biomedical sciences relevant to pharmacy practice. These courses, typically completed within the program's initial two years, serve as the cornerstone for subsequent clinical science education.

Indiran Pather, D. Pharm.

Chair & Professor

Department of Pharmaceutical Sciences

indiran.pather@howard.edu

Experiential Program

Experiential education comprises approximately one-third, of the Doctor of Pharmacy curriculum, encompassing both Introductory Pharmacy Practice Experiences and Advanced Pharmacy Practice. This hands-on component enables students to effectively apply their classroom-acquired knowledge in diverse practice settings, with opportunities for pharmacy practice experiences spanning the United States and abroad.

Jamila J. Jorden, PharmD, MBA

Director of Experiential Department

jamila.jorden@howard.edu

Office of Continuing Professional Education

Howard University College of Pharmacy, Office of Continuing Professional Education is dedicated to promoting the professional development of pharmacists, pharmacy technicians, and other professionals in the field of pharmacy, focusing on educational programs that address current trends in drug therapy management in diverse populations. Seeking to impact pharmacy practice across various settings and effectively cater to specific disease populations, aiming to create a significant and positive influence within the pharmaceutical community.

Anthea Francis, RPh, B.Sc.

Program Coordinator

anthea.francis@howard.edu

Center of Excellence

The Center of Excellence (COE) program aims to strengthen the national capacity for producing culturally competent healthcare professionals, with a focus on diverse representation. It supports designated health professional schools, certain historically black colleges and universities, and other educational institutions with high enrollment of Hispanic or Native American students. Additionally, the Center of Excellence program extends to public and non-profit entities, including graduate programs in mental or behavioral health, to train underrepresented minority students in various health professions.

Mary K. Awuonda, PhD

Associate Professor, Director Center of Excellence

Director National Workforce Diversity Pipeline Project

Department of Clinical & Administrative Pharmacy Sciences

mary.maneno@howard.edu

Programs & Departments

PACE International Center

For over 25 years, the Pharmaceutical Care and Continuing Education (PACE) Center has been a significant component of Howard University's international presence, focusing on global and international initiatives. Since its establishment in 1993, the PACE center has been actively involved in training programs and projects, offering customized courses to leaders and professionals in pharmaceutical care across nearly 30 countries in Africa, the Caribbean, and Europe. Recognizing the evolving landscape of healthcare and drug development, the center has adapted to embrace international programming opportunities, providing valuable and sustainable public health training to pharmacists worldwide, empowering them to play a more strategic role in primary health care.

Grace Jennings

Director of International Operations

gjennings@howard.edu

Mid-Atlantic AIDS Education and Training Center (MAAETC)

The Howard University Mid-Atlantic AIDS Education and Training Center Regional Partner is dedicated to delivering comprehensive HIV/AIDS education, consultation, technical assistance, and resource materials. The primary focus is on supporting healthcare professionals in the Mid-Atlantic region, with a particular emphasis on the District of Columbia.

Monika N. Daftary, PharmD, BCPS AQ-ID, AAHIVP

Regional Director, Professor & Chair

Department of Clinical & Administrative Pharmacy Sciences

mdaftary@howard.edu

Non-Traditional Doctor of Pharmacy (NTDP) Online Degree Program

Howard University College of Pharmacy stands as one of the United States' oldest and most technologically advanced institutions for pharmacy education. Its long-standing success with the traditional program has paved the way for the creation of an innovative Non-Traditional Doctor of Pharmacy Degree Program tailored to meet the needs of practicing pharmacists. This program aims to enhance their skills and keep them up to date with the latest advancements in the field.

Youness R. Karodeh, BSc., PharmD, RPh

Assistant Dean & Associate Professor

Director of Non-Traditional Doctor of Pharmacy (NTDP)

ykarodeh@howard.edu

Fellowship Program

The Howard University College of Pharmaceutical Industry Fellowship Program places a particular emphasis on candidates from diverse backgrounds, especially African Americans, who have demonstrated excellence, exceptional written and oral communication skills, a strong willingness to engage in mentorship, and innate leadership potential suitable for high-level executive roles.

Earl Ettienne, BSc. Pharm., MBA, LP.D, RPh

Assistant Dean & Fellowship Director

Fellowship Program

earl.ettienne@howard.edu

Dear Alumni,

Since 1867 the Howard University College of Pharmacy has excelled at its mission to provide an outstanding pharmacy education for our students. Our deep history of fostering the creation of new knowledge through innovative research and scholarship, commitment to community service, continuous professional development, and dedication to superior pharmacy practice, locally and globally, is why we remain the top HBCU Pharmacy school in the country. Underpinning that success is the devoted support and partnership of our alumni.

Our alumni keep us connected to an ever-changing world: they mentor our students; they partner with faculty to produce cutting edge research; they offer advice to the college's leadership; and they give generously to advance the mission of the college. Since assuming this office, I have had the pleasure of meeting with alumni from the past 60 years, across the country, working and retired from every corner and application of pharmaceutical science, practice, and industry. In each meeting I have been gob smacked by the transformational experiences had while at Howard. I've heard stories of friendships forged in labs and study groups and enjoyed tales of the herculean efforts needed to get through certification exams and boards. I've heard more than anything how Howard College of Pharmacy education prepares aspiring pharmacists to change their communities and the world.

The personal, professional, and financial support of our alumni has helped make a Howard University College of Pharmacy degree among the most valuable in the country. But as our reputation for excellence has grown so too has the need to ensure that promising African American and other ethnically diverse minority students have a place where their high academic, scholarship, and leadership potential can be recognized and nourished. The Supreme Court's recent decision on Affirmative Action has made it crystal clear that Howard University is as critical today as it ever has been.

The fundraising priorities of the College of Pharmacy reflect our need not only to compete for the best and brightest students available, but to deliver those students a high-quality education from the best faculty available, in a space that prepares them for a contemporary workplace. In addition to asking for your financial support of these critical areas, we also ask for your continued engagement with the college. We are thrilled to invite you back to campus for special events, to interact with the students, or just to walk down memory lane. It's a great time to be a Bison.

If you are interested in exploring how your contributions can shape the lives of Howard University College of Pharmacy students, please take a moment to reach out to me directly.

Fundraising Priorities

- Student Scholarship
- Student Activities
- Faculty and Staff Development
- Facilities and Technology

Give TODAY!



Yours in Service,

James Jordan

Director of Development, Health Sciences
james.jordan@howard.edu

Philanthropy at Work

Embedded in the fabric of the Howard University College of Pharmacy is a commitment to improving the communities served by the institution and its students. The impact of that work is felt around the world and would not be possible without the direct support of our alumni, families, and friends. Your generosity provides access to the transformational education offered at the College of Pharmacy and your devotion allows us to expose students to unique and life changing experiences. The students, faculty, and staff are grateful, beyond words, for your support thank you for your faith in our ability to improve the world with our work.

Total Gifts: \$1.3 million

Raised for Financial Aid: \$1 million

252

NUMBER OF
SCHOLARSHIPS GIVEN

ALUMNI
DONATIONS
↑214%

Alumni Achievements

Terri Smith Moore, PhD, '96 MBA, RPh, CPH

Senior Director of Academic Services and Strategic Initiatives

Terri Smith Moore, effectively spearheaded the project, "Utilizing the PATC Network to Achieve Diversity in COVID Clinical Trials." Her exceptional leadership led to her recent promotion as AACP Vice President of Diversity and Strategy, highlighting her commitment to inclusivity.

Adaobi Anyiwo, '18, PharmD, RAC

Associate Director, Regulatory Affairs - Advertising/Promotion

As a FDA fellow, Dr. Adaboi Anyiwo made substantial and noteworthy contributions that were documented and officially recognized by the FDA in the issued guidance titled, "Instructions for Use: Patient Labeling for Human Prescription Drug and Biological Product." Her valuable insights and guidance have positively impacted the FDA's work, leaving a lasting impression on the organization's efforts to enhance public health and safety.

Leonard L. Edloe, '70, PharmD, ThM

Relief Pharmacist

In a groundbreaking achievement, Dr. Leonard L. Edloe shattered barriers by becoming the first African American to be elected president of the Virginia Pharmacists Association. For this accomplished pharmacist, who has garnered numerous honors and held esteemed positions throughout his illustrious 50-year career, this milestone stands out as an extraordinary and personally significant accomplishment. The significant is deeply rooted, as his father had faced discrimination and was turned away from Virginia Pharmacists Association due to racial prejudice many years ago.

Carlisha Gentles, '08, PharmD

Senior Regulatory Management Officer

Recognized for her remarkable achievements, Dr. Carlisha Gentles was honored with a startup prize award for Salveo Innovations for an innovative solution aimed at improving health literacy and dismantling barriers to essential health information. Powered by AI and adaptive language, Tyrone continuously evolves and becomes more intelligent with each interaction, ensuring users receive personalized and accessible health insights. As co-founder of Salveo Innovations, Dr. Gentles' groundbreaking work in healthcare technology showcases her commitment to revolutionizing the way people access and understand crucial health resources.

In the Know

PHARMILY IN THE NEWS

Monthly Dose of HUCOP Insights & Updates



Stay connected and up to date with all the exciting happenings in our community!

Office of Continuing Professional Education Host Biosimilar Symposium

Gathering the best minds in biosimilars education, regulation, and research, the Biosimilar Symposium was a vibrant event. With over a dozen biosimilars in the pipeline for 2023, the focus was on educating students, healthcare professionals, executives, and researchers about the ins and outs of biosimilars. Topics ranged from their role in patient care and advocacy to the financial impact on healthcare institutions.

One particularly compelling aspect highlighted was the vital role of biosimilar research in improving patient outcomes and addressing diversity, equity, and inclusion (DEI) in healthcare, especially for vulnerable and disadvantaged populations. The symposium provides a platform for insightful discussions and promising prospects in the field.

Experience the convenience of our monthly online newsletter, delivering the latest alumni, student, staff, and faculty news directly to your inbox. Here's a sneak peek of the incredible highlights from the past year.

Howard University College of Pharmacy Welcomed the Pharmacy Council of Nigeria

Stepping into the world of pharmacy in Nigeria, the Pharmacy Council of Nigeria took the reins in regulating the practice of pharmacy with precision and expertise. In a delightful exchange of knowledge and experiences, a delegation of esteemed guests graced the halls of Howard University College of Pharmacy. The visit opened the doors to a captivating blend of insights and ideas, fostering a dynamic atmosphere for collaboration and growth.

Celebrating Women's History Month

In the March issue celebrating Women's History Month, we proudly acknowledged Dr. Eucharua Nnadi as the first Black Woman Dean at an accredited US Pharmacy School and the first woman to assume the role of Dean at Howard University College of Pharmacy in 1995. This groundbreaking achievement marked a significant milestone in both the history of the College of Pharmacy and the advancement of women in pharmacy leadership.

HUCOP in the News

Celebrating Black History Month: Historically Black Colleges, Universities Are Essential to Improving Diversity in Pharmacy (article featured on pharmacytimes.com)

In a compelling dialogue with Pharmacy Times, Dr. Earl Ettienne BSc Pharm, MBA, LP.D., assistant dean of Graduate Programs and Industrial Partnerships at the Howard University College of Pharmacy, passionately underscored the indispensable role pharmacists of color have played in shaping the future of pharmacy. Their remarkable historical contributions have been nothing short of transformative, propelling the field's development and advancement. Notably, these pharmacists serve as vital bridges, connecting marginalized communities with crucial healthcare services that are often inaccessible. Throughout the conversation, Dr. Ettienne elucidated the pivotal role that Historically Black Colleges and Universities play in providing education and training within an inclusive environment, thus cultivating an atmosphere that fosters that success and empowerment of students of color. This powerful exchange highlights the imperative of recognizing, celebrating, and supporting the contributions of pharmacists of color in propelling the pharmacy profession toward a more equitable and promising future.



An Interview with Jamila Jorden (article featured on pharmacyforme.org)



Jamila Jorden, PharmD, MBA Director of Experiential Program at HUCOP, discussed the diverse roles of pharmacists in an interview with Pharmacy is Right for Me. She highlighted the importance of experiential education in preparing pharmacy students for their careers. Dr. Jorden finds great satisfaction in helping students pursue their post-graduation goals. Throughout the interview, she emphasized the vast range of areas where pharmacist can work, including government, education, industry, hospital, retail and digital healthcare. Dr. Jorden's valuable insights and passion for the profession inspire aspiring pharmacists to explore the myriad opportunities available to them in the healthcare field.

Howard University College of Pharmacy Event Focuses on Immunization Training (article featured on thedig.howard.edu)



Howard University College of Pharmacy Office of Continuing Professional Education and APhA collaborated to organize an immunization training program, selecting it as one of the five city training sites nationwide. The event attracted over 60 participants from various states across the U.S., representing regions as diverse as Georgia, Florida, California, Alaska and others. The training provided a valuable opportunity for professionals to enhance their knowledge and expertise in immunization practices, fostering a stronger foundation for public health nationwide.

What's New

Howard University College of Pharmacy TelePharmacy and Population Health Training Center

The Howard University College of Pharmacy proudly unveiled our trailblazing endeavor, a historic TelePharmacy and Population Health Training (HU-TEPH) Center, now open in the Louis Stokes Health Sciences Library in Washington, D.C. This cutting-edge facility is set to revolutionize healthcare and cultivate the next generation of healthcare leaders. HU-TEPH offers comprehensive support for workforce training and within-degree training programs in Public Health Informatics, empowering aspiring professionals with the latest advancements in technology and data-driven strategies.

At the heart of HU-TEPH lies the prestigious Patient-Centered Medical Home Content Expert Certification Training, a transformative program instilling a patient-centric ethos in healthcare. Additionally, the groundbreaking SeeUrPharmacist Program will provide tele pharmaceutical care to the medically underserved, bridging accessibility gaps and promoting equity in healthcare services.

Inside the state-of-the-art telehealth center, video/audio televisits enable seamless medication therapy management and facilitate remote patient monitoring and education. Howard University College of Pharmacy's vision is to nurture a culture of wellness, ensuring proactive and personalized care for both individuals and communities.

Embrace this momentous occasion as Howard University College of Pharmacy sets a new standard for healthcare excellence with the historic TelePharmacy and Population Health Training Center.



Early Assurance Program

The Howard University College of Pharmacy has introduced an exciting new initiative known as the Early Assurance Program, which offers a unique opportunity for exceptional students. Under this program, high-achieving individuals can apply and receive conditional acceptance to the College of Pharmacy during their final year of high school and freshman year of college.

The Early Assurance Program paves the way for aspiring PharmD students by allowing them to secure their spot in the program at the College of Pharmacy, prospective students need to fulfill the necessary prerequisites. These prerequisites can be completed at any accredited university or community college in the regional DMV area, making the program accessible to a wider pool of candidates.

This initiative not only recognizes and encourages academic excellence but also provides a clear pathway for dedicated students to pursue their passion for pharmacy from an early stage. By offering conditional acceptance to the College of Pharmacy, HUCOP is fostering a supportive environment that nurtures future healthcare professionals and empowers them to achieve their career goals.





HOWARD UNIVERSITY
COLLEGE OF PHARMACY
"Pharmily"

Pharmily in the Community

Howard University College of Pharmacy collaborated in a live MDbriefcase webinar, joined by the 20th Surgeon General, to share extensive insights with the healthcare community. The focus was on COVID-19 vaccine update statistics within the black community, accompanied by strategies to enhance participation. This event aimed to bolster awareness and action towards increasing vaccination rates.

Howard University College of Pharmacy played a pivotal role in organizing multiple vaccine clinics at The Residences at Thomas Circle, catering to the elderly by providing COVID-19 boosters, flu, and Shingrix vaccines. These efforts were conducted through the collaborative of Grubbs Care pharmacy, the designated practice site. Additionally, another successful vaccine clinic was held at Gonzaga College Preparatory High School, further contributing to broader vaccine coverage.

HUCOP Student National Pharmaceutical Association (SNPhA) partners with Distance Relatives of DC in a monthly health fair downtown, offering essential services such as blood pressure and diabetes screenings, along with valuable mental health education. This event goes beyond health care by providing free haircuts, toiletries, food, clothing, and variety of other essential resources to the community. Together creating a comprehensive and supportive initiative to address both health and general well-being.

The HUCOP Student National Pharmaceutical Association chapter made a remarkable poster presentation at the NPha conference. The project, titled "Safety is Key, Let's Prevent HIV," was their entry for the national Walmart Prescription for Service Competition. Impressive achievements included the chapter being among the top 5 finalists and securing a commendable 3rd place. Thier multifaceted initiative encompasses HIV education, covering pathology, diagnosis, prevention (PrEP), and treatment, alongside HIV testing diabetes screening, and blood pressure monitoring. Collaborations with Howard Total Family Care Coalition and Honoring Individual Power and Strength (HIPS) enriched the project's impact. The chapter's efforts were futher recognized with a congressional acknowledgement, underscoring the significance of their contributions.

Student Achievements

STUDENT ACHIEVEMENTS

Debbynie Barsh

Ms. Debbynie Barsh, a dedicated 5th year graduate student, made a remarkable presentation at the prestigious 123rd Annual Meeting of the American Association of Colleges of Pharmacy in July 2022. Her groundbreaking dissertation centers around the critical topic of substance use disorder among African American women. The compelling research caught the attention of the audience and earned her a spot as a finalist in the Trainee Poster Competition, highlighting the importance and significance of her work. In her poster abstracts, Ms. Barsh astutely pointed out the scarcity of research examining the opioid crisis specifically within the context of African American women. By shedding light on this gap, she brought attention to an essential but overlooked area in the field of substance misuse.

Ms. Debbynie Barsh's dedication and insightful research have undoubtedly contributed to the advancement of knowledge in the field of pharmacy, and her call for future research will undoubtedly inspire future exploration into this critical area.

Two HUCOP Students were selected as Presidential Management Fellows (PMF)

Morgan Howard PharmD, '21 and Laxman Gautam, P4, two outstanding students were chosen to participate in the Presidential Management Fellows (PMF) program. This highly sought-after two-year training and leadership initiative is hosted by a United States government agency and administered by the US Office of Personnel Management. Geared towards advanced degree holders, the PMF program stands as the federal government's premier leadership development pathway for promising individuals as the early stages of their career.



Where We are Now

#1

**HBCU
PHARMACY
SCHOOL**

according to AACP institutional ranking report

**PRODUCER OF
BLACK
PHARMACISTS IN
THE MID-ATLANTIC**

#1

#3

**AMONG PRIVATE
COLLEGES/SCHOOLS
OF PHARMACY ON
ALL GRANTS**

according to AACP institutional ranking report

**PHARMACEUTICAL
INDUSTRY
FELLOWSHIPS**

#4

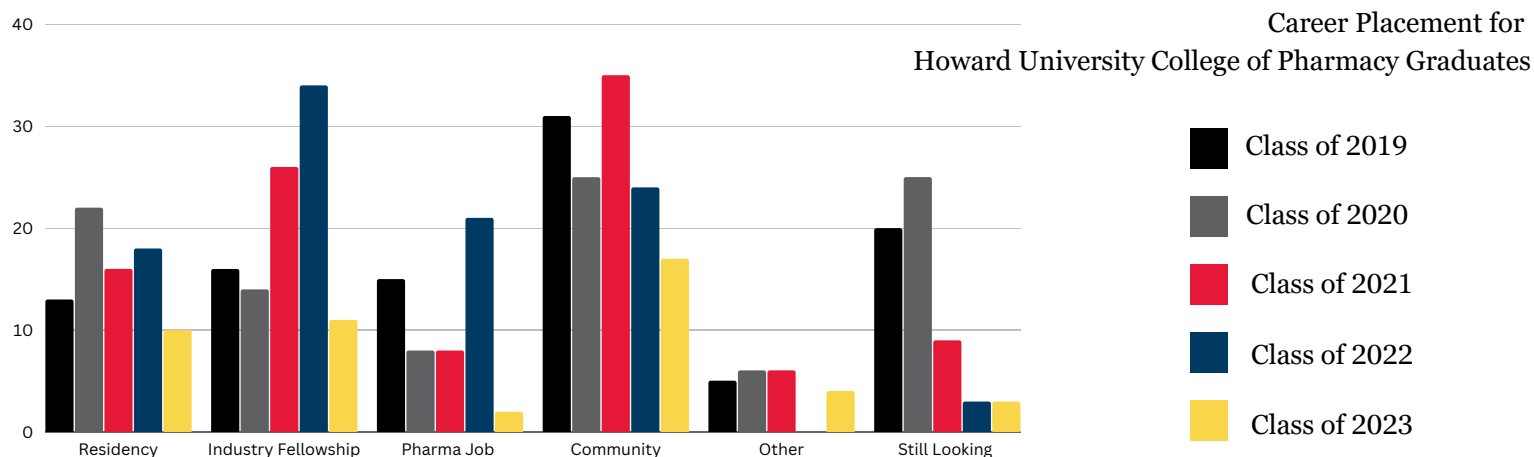
PG 2 YR 100% MATCH RATE

**94% OF CLASS
OF 2023 HAD
CAREER
PLACEMENT**



Where We are Now

#75 U.S. NEWS & WORLD REPORT



PARTNERSHIPS

2- Year College

- Anne Arundel Community College
- Community College of Baltimore County

Grad Program

- Meharry Medical College (MHS)

4 -Year College

- Alabama A&M University
- Bennett College
- Cheyney University
- Fayetteville State University
- Howard University (Chemistry Department)
- Johnson C. Smith University
- Lincoln University
- North Carolina Central University
- Tuskegee University
- Virginia State University



Howard University's Pharmaceutical Care and Continuing Education (PACE) Center's Innovative Approach Transforms HIV Care Delivery in Zambia: DSD-plus Program Success Story

In a groundbreaking initiative to enhance healthcare services and optimize HIV-related clinical outcomes, Zambia's high volume HIV treatment facilities have embarked on a transformative journey with the Differentiated ART Service Delivery (DSD-plus program). This innovative endeavor aims to revolutionize care coordination and elevate the standards of treatment for over 140,000 stable HIV positive clients receiving antiretroviral therapy (ART) across 30 facilities in Zambia.

At the core of the DSD-plus program lies a commitment to elevate treatment outcomes through targeted interventions. A cornerstone of this initiative is the implementation of a comprehensive set of strategies in the one stop shop clinics. Notably, a proactive approach to appointment scheduling has proven to be a game changer. Appointments within the program are synchronized to incorporate not only the date but also the specific time, which is determined based on client input. Clients now receive timely reminders, meticulously timed at 7 days, 2 days and on the day of their appointments. What's the result? A remarkable reduction in the percentage of missed appointments, dropping from over 30% to 3% showcasing the power of effective communication and engagement.

A testament to the program's success is the astounding retention rate in care. Over 97% of clients consistently honor their scheduled appointments, underscoring the impactful strides made in ensuring seamless continuity of care. Even more impressively, at the 6 month and 12-month milestones, the retention rates rose to an impressive 99% and 98% respectively, proof of the program's unwavering dedication to long-term wellness.

The DSD-plus program has also proven its mettle in achieving and maintaining a viral load suppression rate of 98%. This milestone serves as a beacon of hope in the battle against the HIV epidemic. The program has consistently ensured an extensive coverage of viral load tests, achieving a commendable 91% coverage. This dual victory, in test coverage and suppression, redefines the landscape of HIV care.



This program has not only transformed clinical outcomes but has also reshaped the patient experience. Through careful planning and execution, waiting times have been significantly curtailed across all 30 facilities, taking wait times from an average of 6 hours to below 40-minutes.

Outside of the medical realm, the DSD-plus program has ushered in a new era of collaboration. Faculty-based multidisciplinary pharmacovigilance committees have emerged as beacons of quality, taking the lead in the identification, management and reporting of pharmacovigilance cases. By actively participating in this vital process, these committees ensure that safety and quality are upheld at every step. Howard University's Director of International Operations PACE Center, Dr. Grace Jennings stated, "The work that our HU employees execute in the global workspace has far reaching implications. Our HU work has contributed to increasing HU's visibility and global footprints. Through our successful practice and pharmaceutical care for HIV, AIDS and TB infected clients, Howard University's teams positively impact the lives of people we serve through Best Practices and Global Partnerships."

The program's achievements extend beyond the confines of healthcare facilities, impacting the broader landscape of adverse drug reaction (ADR) management. With the DSD-plus program's interventions, ADR detection, reporting, and management have witnessed a revolutionary transformation. An impressive 21,000 cases representing over 90+% of ADR cases reported to the Medicine Regulatory Authority are attributed to the program's supported facilities, underscoring the program's instrumental role in ensuring the highest standards of safety. The story of Zambia's DSD-plus program is a narrative of innovation, dedication, and profound impact. With an unwavering commitment to excellence, the program has etched its name as a transformative force in HIV care delivery. By embracing cutting-edge strategies and fostering a patient-centric approach, the program serves as a glimmer of hope, lighting the path toward a brighter and healthier future for all

Outstanding Educators and Staff Showcase

Awards

Aldhaeefi M.

Fellow of the American College of Cardiology, 2023

American Society of Health-System Pharmacists (ASHP) National Chapter Recognition, 2023

Ayuk Noumedem P.

Lumen Circles Certificate for Effective Teaching Practice, March 2022

Kulkarni A.

Teacher of the Year Award, College of Pharmacy, Howard University

Rungkitwattanakul D.

Pharmacist of the year award 2022, Washington Metropolitan Society of Health-System Pharmacists (WMSHP) Dec 2022

Top Downloaded Article to 2022. Hemodialysis International Journal, 2022

American Society of Health-System Pharmacists (ASHP) Leadership and Contribution Recognition 2023

Unonu J.

HUCOP Apothecary Branch Organization of the Year (SNPhA)

HUCOP Apothecary Branch Service Organization of the Year (SNPhA)

Walmart Prescription for Service Region 1 Winner (SNPhA)



Professional Development

Adebayo A.

2022 Innovation Ecosystem Summit, December 2022

Faculty Leadership Institute, December 2022

Equity, Diversity, and Inclusion (EDI) Institute, January 2023

SoTL Bootcamp, February 2023

2023 Simulations Plus MIDD+ Scientific Conference, February 2023

RCIM Consortium National Conference, April 2023

Pfizer 3D Drug Discovery and Development Workshop, April 2023

Akala E.

NCI Conference on microbial-based cancer theranostics, May 2022 (Avi Rasooly, Ph.D. Health Science Administrator, National Cancer Institute, Division of Cancer Treatment and Diagnosis (DCTD) Office of Cancer Complementary and Alternative Medicine (OCCAM))

USP Joint Biologics and Healthcare Practice Sectors Meeting, Trust in Vaccines: Continuing the Conversation, March 2023 (Diana Newhart, MPH USP Senior Manager, Advocacy & Stakeholder Engagement)

USP Open Forum: Improving the Pharma Environmental Footprint Virtual Open Forum, February 2023

USP Third Annual Compounding Implementation Workshop: Evolution and Advances in Compounding, February 2023

USP Dietary Supplements Sector Meeting, December 2022

All the Particulars on Particles: Ophthalmic Products. USP General Chapters <771> and <789> Live Webinar, December 2022

The U.S. Food and Drug Administration (FDA) - in collaboration with the University of Maryland Center of Excellence in Regulatory Science and Innovation (M-CERSI) - hosted a one-day virtual public workshop entitled "Application of Artificial Intelligence and Machine Learning for Precision Medicine, February 2023

Professional Development

Awuonda MK.

Unequal Treatment @ 20. Urban Institute March 2023

Ayuk Noumedem P.

AACP Virtual Equity Diversity and Inclusion Institute,
January 18-20, 2023

Howard University 2023 Biosimilars Pipeline Symposium:
What Healthcare Professionals, Executives, and Researchers
Need to Know!, April 2023

Teaching Professor Conference, New Orleans, LA, June 2023

Daftary M.

The Chronicle's Strategic-Leadership Program for Department
Chairs, online June 2023

Evans E.

Attended Digital Health Workshop, October 2022

Attended Junior Faculty Forum February 2022

Attended Teaching Professor Conference June 2022

Attended Joint HBCU/PBI Pharmacy Faculty Development
Virtual Conference, June 2022

Attended American Association of Colleges of Pharmacy
Conference July 23-27, 2022

Franklin C.

Percipio Project Management Professional Certification
(PMP), virtual, November 2022

Howard University Junior Faculty Forum, What I Wish I
Knew When I Was a Junior Faculty Member." Virtual,
September 2022

AACP Annual Meeting, Grapevine, TX, July 2022

SAMSHA Integrating Harm Reduction into the Substance Use
Disorder Care Continuum, Virtual, October 13, 2022

CETLA Training Program: Flipping The Online Classroom,
Virtual, October 27, 2022

National Institute of Health – "Writing a Competitive
Application." Virtual, November 2022

ASHP Midyear Meeting, Las Vegas, NV, December 2022

AACP Equity, Diversity and Inclusion Institute, Virtual,
January 2023

Apha Annual Conference, Phoenix, AZ, March 2023

Maryland Pharmacists Association Mid-Year Meeting,
Annapolis, MD, February 2023

Jorden J.

"They Said What?! Approaches to Difficult Situations in
Experiential Learning." Continuation Education Presentation
on July 23, 2022 at the Teacher's Seminar at the 2022 AACP
Annual Meeting

Karodeh Y.

CRISP-DC Hands on Training Live Event – HUCOP,
December 14, 2022

Reviewer for APhA Annual Meeting and Exposition Spring
2023

Facilitator for ASHP Midyear Diversity, Equity, and Inclusion)
Session; Thank you for volunteering to serve as a facilitator for
the DEI Session at the ASHP Midyear Meeting, December
2022

Invited guest/attendee to the 2022 Walgreens Pharmacy
Deans Virtual Seminar, November 2, 2022

Attended AACP Digital Health Workshop, October 27, 2022

Invited guest at Biosimilars Symposium Lunch and Executive
Session with AMCP/FDA/BBCIC, April 2023

Attended the American Association of Colleges of Pharmacy
(AACP) Annual Meeting, Dallas, TX, July 2022

Nonyel NP.

Teaching Professor Conference, New Orleans, LA, June 2023

AACP Mid-Career Faculty Recharge, Kansas, MO, June 2023

AACP SoTL Bootcamp, online February 2023

AACP EDI Institute, online January 2023

ASHP Midyear Clinical Meeting. Las Vegas, December 2022

Howard University NIDA Workshop, online, November 2022

AACP Digital Health Workshop 2022, online, October 2022

75th National Pharmaceutical Association Annual National
Convention, Atlanta, GA, July 2022

AACP Annual Meeting. Grapevine, TX, July 2022

Robinson K.

Teaching Professor Conference, Atlanta, GA, June 2022

AACP SoTL Bootcamp, online, February 2023

Howard University Junior Faculty Forum, "What I Wish I
Knew When I Was a Junior Faculty Member." Virtual,
September 2022

Runkitwattanakul D.

Grant Training Workshop: University of Kentucky College of
Medicine, Lexington, KY 2022

Turner MR.

AACP Equity, Diversity and Inclusion Institute, virtual,
January 2023

AACP Interim Meeting, Orlando, FL, February 2023

Unonu J.

NPhA/SNPhA Annual Convention on July 27-August 1, 2022, in Atlanta, GA

Apha Annual Meeting and Exposition on March 24-27, 2023, in Phoenix, AZ

Dexcom G7 CGM Device Training Webinar, March 2023

CPESN Direct Pay Pharmacy Workgroup Webinar, April 2023

Viral Ed-Initiating and Switching HIV Therapy Webinar, October 2022

Viral Ed-Advances in Antiretroviral Therapy: Therapies and Strategies that are Changing Paradigms in 2022 Webinar, October 2022

NPha Webinar Co-moderator-National Black HIV/AIDS

Awareness Day: Stigma Reduction Interventions Along the HIV Prevention and Care Continuum, February 2023

McKesson Healthmart Atlas Best Practices for Star Ratings. Virtual, January 2023

Wang X.

Webinar: Getting Started with Canvas, August 2022

Service**Adebayo A.**

FAA committee member/current Chair

PharmD Online Pathway Committee member

BSPS program development Proposal Committee member

Reviewed Intramural grant for faculty at Larkin University

April 2022 - to date: Appointed Member of USP Supplements Sector of the USP Convention

Akala E.

June 2021 - to date: Appointed a Member of USP Health Equity Advisory Group

October 2020 - September 2025 Cycle: Appointed as a member of USP (United States Pharmacopeia) Council of the Convention (CoC) for the 2020-2025 Cycle.

April 2015 to Date: Chair of Howard University Institutional Animal Care and Use Committee (IACUC). Appointed by the President of Howard University (President Wayne A. I. Frederick)

Chair Board of Trustees of RCCGNA Seminary, 2019- to date NIH Grant Reviewer 2022-2023

Reviewer for RFA-DA-22-010 (ZDA1 CEM-N (M1) R)

“Advancing technologies to improve delivery of pharmacological, gene editing, and other cargoes for HIV and SUD mechanistic or therapeutic research (R01-Clinical trial optional), January 2023

Reviewer of 2023 ZGM1 RCB-W (SF) Review of Support for Research Excellence - First Independent Research (SuRE-First) Award (R16). National Institute of General Medical Science, March 2023 (Sonia Ortiz-Miranda, MS, PhD., SRO-SRB DEA/NIGMS/NIH)

Reviewer for NIH CSR Cancer Nanotechnology Review Panel (IRCNI & TTNCI R01 Applications October 2022) Raj Krishnaraju, Ph.D. Scientific Review Officer (SRO), Molecular and Cellular Sciences and Technologies (MCST) Review Branch Center for Scientific Review (CSR) National Institutes of Health

Reviewer for ZRG1 OTC1-M Cancer Therapeutics (CTH) (80) June 30-July 1 Jonathan A. Arias, Ph.D., Senior Health Science Administrator (SRO), Center for Scientific Review, Office of the Director

Reviewer for NIDA Small Business Reviews “Advancing Validated Drug Targets for Substance Use Disorders” RFA DA-22-023 (SBIR) & RFA DA-22-018 (STTR), May 2022 (ZDA1 GXM-A (02) (2022/10) (Gerald McLaughlin, PhD, Scientific Review Officer (SRO), NIDA SRB; Elena Koustova, PhD, Deputy, Chris Conrad, PhD, Program Officer) Journal Manuscript Reviewer (2022-2023)

Journal of Pharmaceutical Sciences. Novel Methotrexate-Loaded Zein Nanoparticles with Improved and Extended Biopharmaceutical Performance: QbD-Steered Development, and Extensive In Vitro and In Vivo Evaluation
Journal of Pharmaceutical Sciences Formulation and Scale-up of Fast-Dissolving Lumefantrine Nanoparticles for Oral Malaria Therapy

Journal of Pharmaceutical Sciences. In situ hydrogels prepared by photo-initiated crosslinking of acrylated polymers for local delivery of antitumor drugs

Scientific Advisor to the Editors (SAE) of the JPharmSci

Appointed Regional Adviser to Igbiniedion University Okada

Journal of Pharmaceutical Sciences January 2022 to date

Nanomedicine: Nanotechnology, Biology, and Medicine

Bubble-Based Drug Delivery Systems Next Generation

Diagnosis to Therapy

Journal of Pharmaceutical Sciences Formulation and Scale-up of Fast-Dissolving Lumefantrine Nanoparticles for Oral Malaria Therapy

Aldhaeefi M.

Member of the Sepsis workgroup at Howard University Hospital

Member of the Antimicrobial Stewardship Committee, Howard University Hospital

Member of the Pharmacy and Therapeutics Committee, Howard University Hospital

Residency Program Coordinator at HUH



Service

Member of the Professional Identity Formation and Cultivation Committee
 Member of Faculty Nominations, Awards, Development, Evaluation, Welfare and Amenities
 Member of the Assessment, Evaluation and Planning Committee
 Kappa Psi Chapter Advisor
 SSHP Chapter Advisor
 ACCP Critical Care PRN Foundation Liaison
 President-Elect of the WMSHP

Akiyode O.

National Service, Student Affairs Committee, American Association of Colleges of Pharmacy - 2022-2023
 Integration of a Professional Identity Formation Framework into the Pharmacy Curriculum, American Association of Colleges of Pharmacy Annual Conference; July 2022
 The Future is Bright, American Pharmacists Association - Academy of Student Pharmacists Region 2 Midyear Regional Meeting; October 2022
 Opening Session Remarks "Creating our Story Region 1 & 2 SNPhA Regional Conference; March 2023
 Management Development Program Harvard Graduate School of Education; June 4th - June 9th 2023

Awuonda MK.

Lead Faculty Representative, Organizational Change Management Committee for Workday 2022-2023
 Co-Chair Washington, DC Health Information Exchange HIE Stakeholder Subcommittee 2022
 Unequal Treatment @20 Advisory Committee 2022

Ayuk Noumedem P.

American Society of Consultant Pharmacists (ASCP), Maryland, District of Columbia Delegate 2022-2023
 COP Representative of the Faculty Grievance Commission 2021-2023
 Chair-faculty Grievance, HUCOPPS (2021-2023)
 Member of the Assessment, Evaluation and Planning Committee 2021-2023
 COP ATP Committee 2020-2023
 CAMPHA-USA Keynote speaker August 2022

Daftary M.

Reviewer, Journal of the American Pharmacists Association
 ACCP Student Chapter Advisor
 Evans E.
 American Diabetes Association National Health Disparities Committee, Abstract and Grant Review Work Group, Emerging Scholars + Scientific Sessions Pilot Work Group – March 2023-present
 Drugs of the Future –Clarivate Analytics Peer reviewer; November 2022
 Phi Lambda Sigma (PLS) Faculty Advisor, October 2021-present

Preceptor Development Committee (HUH PGY1 Residency) – May 2023-present

Franklin C.

Chair, HUCOP, PIFC Committee 2022-2023
 President-Elect, American Association of Colleges of Pharmacy AACP Minority Faculty SIG 2022-2023
 Co-Chair, Maryland Pharmacists Association IMPhA New Practitioner Network
 HUCOP Director of Community Pharmacy Residency Programs
 Chapter Advisor, HUCOP National Community Pharmacy Association Chapter Advisor
 Director of HUCOP Director of Community Pharmacy Residency Programs
 Chapter Advisor HUCOP National Community Pharmacy Association Chapter Advisor
 Director of HUCOP Opioid Overdose and Naloxone Education Program
 Advisory Board Member, DC Prescription Drug Monitoring Advisory Board
 Member, HUCOP Admissions Committee

Jorden J.

AACP Chair Elect for Experiential Education 2022-2023
 Chair for Experiential Education Section 2023-2024

Karla PK.

Vice-chair for the HU-Faculty senate

Karodeh Y.

Appointed – Search Committee for the Department of Clinical and Administrative Pharmacy Sciences Fall 2022
 Ad-hoc Committee on Distance Pathway Exploration at Howard University College of Pharmacy: Invited to serve on the Program Prioritization Committee to develop our prioritization strategies for the COP December 2022
 Oversaw and participated in migration and transition of the Non-Traditional Doctor of Pharmacy (NTDP) Degree Program from Blackboard to Canvas Learning Management System in fall 2022 academic year
 Dr. Babtunde Osun Scholarship Award Letter
 Appointed Co-Chair of the COP Bylaws review committee fall/spring 2022-2023
 Appointed to ACPE Accreditation Council for Pharmacy Education Verification Site Visit Ad-hoc Committee Spring 2023
 Master of Ceremony for the Retirement Celebration for Dr. Fredric Lombardo Reception, November 7, 2022, Howard University Washington, DC
 Appointed Chairman of Search Committee for permanent HUCOP Assistant Dean for Student Affairs position December 2022
 Appointed – Search Committee for the Department of Clinical and Administrative Pharmacy Sciences Fall 2022



Appointed – Department Appointment, Promotion and Tenure (APT) Committee Department of Clinical and Administrative Pharmacy Sciences Fall 2022 to Present
Review of Applications for APPE Advanced Pharmacy Practice Experiences International Rotations for 2023-2024 cycle
Co-organized and oversaw the HUCOP Annual Alumni & Friends Reception 2022 ASHP Annual Mid-Year Conference in Las Vegas

Appointed Ad-hoc Committee on Distance Pathway Exploration at HUCOP Fall 2022

Invited and attended Spring 2023 Oath and Awards Meeting series.

Attended AACP Digital Health Workshop October 2022

Attended and participated in the COP job interviews for faculty and staff throughout the year.

Supervised, contributed, and evaluated the activities and performances of support staff for the Non-Traditional Doctor of Pharmacy NTDP Degree Program. Supervised and contributed to all the activities and events organized by the Team NTDP in Ay 2022-2023

Workday Student – Change Agent Appointment Office of Provost, 2022-2024 Fall 2022 to present

Organized and attended the Howard University College of Pharmacy Annual Alumni and Friends Reception in American Pharmacist Association (APhA) Annual Meeting, March 2023, Phoenix, AZ

Organized and attended the Howard University College of Pharmacy Annual Alumni and Friends Reception in American Society of Health Systems Pharmacists (ASHP) Annual Meeting, December 2022, Las Vegas, NV

Attended the Annual national Pharmaceutical Association (NPhA-SNPhA) meeting in Atlanta, GA July 29-August 1, 2022

Attended the NABP/AACP Annual Meeting, October 5-7, 2022, Providence, RI

Member (EO): College of Pharmacy Financial Aid and Awards committee, 2021-present

Member (EO): College of Pharmacy Progression Committee, 2021-present

College of Pharmacy Student Grievance Committee, 2021-present

Invited guest and contributor at Visit of Ms. Jennifer Joseph, VP of 2 U Company Visit to HUCOP, April 2023

Kulkarni A.

Served as scholar coach for the Howard University Summer Academy for June - September 2022

Nonyel NP.

American Association of Colleges of Pharmacy (AACP): SIG Chair- Health Disparities & Cultural Competence SIG 2022-2023; Chair, Strategic Planning Committee 2022-2023

Nigerian Association of Pharmacists and Pharmaceutical Scientists in the Americas (NAPPSA), Inc. Education Committee, Chair 2021-2023

Maryland Pharmaceutical Society (MPhS). Member-at-large 2021-2023

Progression & Retention Committee, Howard University College of Pharmacy Member 2022-2023

Admissions & Retention Committee, Howard University College of Pharmacy Member 2022-2023

HBCU/PBI Pharmacy Collaborative Steering Committee, HUCOP Representative Member

ACPE (Accreditation Council for Pharmacy Education)

Verification Visit Ad Hoc Committee, Member 2022-2023

Robinson K.

Howard University College of Pharmacy. PIFCC, Professionalism Forum fall 2022

Rungkitwattanaku D.

President, Washington Metropolitan Society of Health System Pharmacists 2022-2023

Board Member, the medical advisory board, National Kidney Foundation Serving the Capitol Region (DC, MD, VA)

Chair Elect, Research and Scholarship Committee, American Association of Colleges of Pharmacy AACP 2022-2023

Turner M.

American Association of Colleges of Pharmacy AACP Equity, Diversity and Inclusion Institute Planning Committee 2020 - 2023

American Association of Colleges of Pharmacy AACP Minority Faculty SIG Chair Elect 2023-2024

Turner M.

American Association of Colleges of Pharmacy AACP Equity, Diversity and Inclusion Institute Planning Committee 2020 - 2023

American Association of Colleges of Pharmacy AACP Minority Faculty SIG Chair Elect 2023-2024

Unonu J.

Member HUCOP, CIRC Committee

Member, Nominations, Awards, Faculty Welfare, Development, Amenities Committee Chapter Advisor, Student National Pharmaceutical Association - Howard Chapter Executive Board Member, National Pharmaceutical Association

COVID-19 and Flu Vaccine Clinic Co-Coordinator/Immunizer, The Residences at Thomas Circle, Washington, D.C., October 2022

Distant Relatives - Feed Our Relatives Monthly Saturday Event, Blood Pressure Screenings SNPhA HUCOP Chapter Subject Matter Expert - NPhA Representative, CDC Division for Heart Disease and Stroke Prevention Projects Medication Therapy Management Training Program, HUCOP, June 2023

Wang X.S.

Served as scholar coach for the Howard University Summer Academy from June-September 2022

Programme Committee, The 19th International Conference on Data Science (ICDATA'23, 2023)

Referee to PhD Thesis Evaluation, MIT School of Bioengineering Sciences and Research, Pune, India (2023) Review Committee, AIM-AHEAD PRIME Program (2022-2023)

Guest Editor, Frontiers in Toxicology: Computational Toxicology and Informatics (2022-2023)

Mentor, AIM-AHEAD Connect (2022-present)

Reviewer, AIM-AHEAD DSTC Training Practicum Program (PRIME, 2022-2023)

Reviewer, Artificial Intelligence/Machine Learning Consortium to Advance Health Equity and Researcher Diversity (AIM-AHEAD) Research Fellowship Program (2022-2023)

Reviewer, Journal of Chemical Information and Modeling

Publications

- Adebayo, A. S., & Panakanti, R. (2022). Intraspecies allometric equations derived using phase 1 clinical adult pharmacokinetic parameters for pediatric dosing of lamivudine, Nevirapine, and zidovudine. *Journal of Applied Pharmaceutical Science*, 12 (8): 26–35. <https://doi.org/10.7324/japs.2022.120804>
- 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 [published online ahead of print, 2022 Sep 18]. *J Pharm Pract*. 2022;8971900221128335. doi:10.1177/08971900221128335
- Akala E.O. Dispersion polymerization induced self-assembly (pisa) techniques for the fabrication of polymeric nanoparticles for biomedical applications *Nanotechnol. lett*. Vol 8 No 1 January 2023 (1-15)
- Aldardeer, N.F., Shukairi, A.N.A.L., Aldhaeefi M, et al. Continuation Versus De-escalation of Broad-Spectrum Antibiotic Therapy in Critically Ill COVID-19 Patients. *Dr. Sulaiman Al Habib Med J* (2023). <https://doi.org/10.1007/s44229-023-00027-0>
- Aldhaeefi M, Rungkitwattanakul D, Unonu J, Franklin C, Lyons J, Hager K, Daftary MN. The 2022 human monkeypox outbreak: Clinical review and management guidance. *Am J Health Syst Pharm*. 2023;80(2):44-52. doi:10.1093/ajhp/zxac300 PMID: 36259674
- Aldhaeefi M, Beers B, Shah J, 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
- Aldhaeefi M.; Badreldin, H.A.; Alsuwayyid, F.; Alqahtani, T.; Alshaya, O.; Al Yami, M.S.; Bin Saleh, K.; Al Harbi, S.A.; Alshaya, A.I. Practical Guide for Anticoagulant and Antiplatelet Reversal in Clinical Practice. *Pharmacy* 2023, 11, 34. <https://doi.org/10.3390/pharmacy11010034>
- Aldhaeefi M, McLaughlin K, Goodberlet M, Szumita P. Evaluation of the safety of 500 mg intravenous push thiamine at a tertiary academic medical center. *Science Progress*. 2022;105(2):003685042210965. DOI: 10.1177/00368504221096539
- Alem, G., Awuonda, M., Haastrup, D., Anyiwo, A., Daftary, M., & Ettienne, E. (2022). Evaluation of knowledge of the new Pregnancy and Lactation Labeling Rule among pharmacists and physicians. *Journal of the American Pharmacists Association*, 62(2), 427-431
- Alqahtani, T.; Kumarasamy, V.; Alghamdi, S.S.; Suliman, R.S.; Bin Saleh, K.; Alrashed, M.A.; Aldhaeefi, M.; Sun, D. Adefovir Dipivoxil as a Therapeutic Candidate for Medullary Thyroid Carcinoma: Targeting RET and STAT3 Proto-Oncogenes. *Cancers* 2023, 15, 2163. <https://doi.org/10.3390/cancers15072163>
- Alshaya AI, Alghamdi M, Almohareb SN, Alshaya OA, Aldhaeefi M, Alharthi AF and Almohaish S (2022) Systolic Blood Pressure Variability When Transitioning from Intravenous to Enteral Antihypertensive Agents in Patients with Hemorrhagic Strokes. *Front. Neurol*. 13:866557. doi: 10.3389/fneur.2022.866557

- Brown J, Hailemeskel B. and Fullas F. Cimetidine in the management of colorectal cancer: A survey of the knowledge and opinions of pharmacy students. *International Journal of Science and Research Archive*, 2022, 07(02), 425–431. Obtained from: <https://ijsra.net/sites/default/files/IJSRA-2022-0304.pdf>. Accessed on 1/2/2023.
- Buckley B, Gunaseelan S, Aronson BD, Anksorus HN, Belousova V, Cat TB, Cline K, Curtis SD, DeRemer CE, Fuentes D, Grinalds M, Haines SL, Johnson HE, Kopacek K; Louie JM, Nonyel NP, Petry N, Taylor SR, Harris SC, Sadowski C, Shenk M, Law AV. "Well-being Content Inclusion in Pharmacy Education Across the United States and Canada". *American Journal of Pharmaceutical Education*. April 2023; 87 (3) Article 8918. Nonyel NP. (authors listed alphabetically, except the lead authors).
- Caniff KE, Rebold N, Rybak MJ. Oral stepdown in Gram positive bloodstream infections: A step in the right direction. *Pharmacotherapy: The Journal of Human Pharmacology and Drug Therapy*. 2023;43(3):247-256. doi:10.1002/phar.2775
- Chikeka K, Gbadamosi K, Tran H, Chughtai I, Muhammad S, Senay M, Lam B, Ngouajio-Teguiafa L, Nonyel NP, DeLaine L, McSwain C, Price D, Michaels K. Pilot Study: Impact of a Pharmacist-Led 48-Hour Antibiotic Time-Out on Antibiotic Utilization and Outcome Measures in a Community Teaching Hospital. *Hospital Pharmacy*. January 2023;0(0). <https://doi.org/10.1177/00185787221139429>.
- Dairo O, Akram I, Bratcher C, and Hailemeskel B. Duloxetine Use in the Management of Stress Urinary Incontinence & Students' Survey. *International Journal of Science and Research Archive*, 2023, 09(01), 013–019. Obtained from: Supervised, contributed, and evaluated the activities and performances of support staff for the Non-Traditional Doctor of Pharmacy NTDP Degree Program. Supervised and contributed to all the activities and events organized by the Team NTDP in Ay 2022-2023 Workday Stud. Accessed on: 5/3/2023.
- Dairo O, Akram I, Bratcher C, and Hailemeskel B*. Duloxetine Use in the Management of Stress Urinary Incontinence & Students' Survey. *International Journal of Science and Research Archive*, 2023, 09(01), 013-019. Obtained from: <https://ijsra.net/sites/default/files/IJSRA-2023-0341.pdf>. Accessed on: 5/3/2023.
- Ejigah V, Owoseni O, Bataille-Backer P, Ogundipe OD, Fisusi FA, Adesina SK. Approaches to Improve Macromolecule and Nanoparticle Accumulation in the Tumor Microenvironment by the Enhanced Permeability and Retention Effect. *Polymers (Basel)*. 2022 Jun 27;14(13):2601.
- Victor Ejigah, Bharathi Mandala, Emmanuel O. Akala. Nanotechnology in the development of small and large molecule tyrosine kinase inhibitors and immunotherapy for the treatment of HER2-positive breast cancer. *J Cancer Metastasis Res Vol 4 No 2 2022*, 6-32
- Ettienne EB, Rose K. Pediatric Medication Studies: A New Challenge for Institutional Review Boards, Ethics Committees. *Pharmacy Times*. 2023, July 10
- Ettienne EB, Rose K. Have Children Truly Ever Been 'Therapeutic Orphans? *Pharmacy Times*. 2023, June 16
- Ettienne, EB, Editorial on Covid 19 and Africa. *African Journal of Rhetoric*. In Press
- Ettienne, E.B., Sookraj, K., Ofoegbu, A., Trinidad and Tobago, COVID-19, and Point-of-View Language: A Case for Public Diplomacy. *African Journal of Rhetoric*. In Press
- Evans EI, Mattison M, Parsons K, Capoccia K. Pharmacists' Role in Assessing: Food and Health Care Insecurities. *ADCES in Practice*. 2023;11(2):34-40.
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- Hennessee M, Hailemeskel B, and Fullas F. Flaxseed: Knowledge and opinion of first-year pharmacy students. *International Journal of Science and Research Archive*, 2022, 06(01), 107-112. Accessed from: <https://ijsra.net/sites/default/files/IJSRA-2022-0097.pdf>. Accessed on 5/24/2022. Impact Factor 8.2
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- Ilesanmi, A., Kirkwood, M., Hailemeskel, B. & Fullas, F. (2023). Non-approved Uses of Celecoxib and Indomethacin: Pharmacy Students' Knowledge and Opinions. *European Journal of Theoretical and Applied Sciences*, 1(4), 71-77. DOI: 10.59324/ejtas.2023.1(4).08
- Jocelyn Brown J, Hailemeskel B. and Fullas F. Cimetidine in the management of colorectal cancer: A survey of the knowledge and opinions of pharmacy students. *International Journal of Science and Research Archive*, 2022, 07(02), 425-431. Obtained from: <https://ijsra.net/sites/default/files/IJRSA-2022-0304.pdf>. Accessed on 1/2/2023. Impact Factor 8.2
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- Akinwale H**, Nonyel NP, Wingate LT, Weaver SB. Evaluation of the Effect of Voxelotor and Darbepoetin Alfa on Hemoglobin Levels in Patients with Sick Cell Disease. Poster accepted at: 57th ASHP Midyear Clinical Meeting and Exhibition; 2022 Dec 4-8
- Alick CL, Wingate LT, Brown NR. Grit and health-promoting behaviors among black adults:healthful diet and physical activity. Abstract accepted for presentation at Xavier University 16th Annual Health Disparities Conference, New Orleans, LA. February 23, 2023.
- Asonganyi A**, Wingate LT, Pinchinat J. Evaluating Inpatient Hospitalizations and Emergency Department Re-Admission Rates for DC Medicaid Enrollee's Admitted With a Diagnosis of Opioid Overdose/Intoxication or Opioid Use Disorder. Poster accepted at: 57th ASHP Midyear Clinical Meeting and Exhibition; 2022 Dec 4-8
- Ayuk-Arrey T*, Wingate L, Belhiti S, Joyner K, Woods K. Influence of Underrepresented Minority Status on Pharmacy Residency Application Rates. ``Poster accepted at: 57th ASHP Midyear Clinical Meeting and Exhibition; 2022 Dec 4-8
- Ayuk Noumedem. APhA MTM Training. COP CE. (June 4, 2023)
- Ayuk Noumedem. Smoking, Vaping, And Tobacco (Including Dangers, Smoking Cessation, And Non-Smoke Tobacco Products). (Live CME, CNE, & CPE Credits: 1.00/1.0; ACPE UAN:) Presented on 02/11/2023 through Howard University College of Pharmacy., Washington, DC.
- Ayuk Noumedem. Pharmacotherapy and applications of cannabinoids. (Live CME, CNE, & CPE Credits: 1.00/1.0; ACPE UAN:) Presented on 03/2022 through Howard University College of Pharmacy., Washington, DC.
- Ayuk Noumedem. APhA MTM Training. COP CE. (March 2022)
- Barsh D, Awuonda MK, Daftary M, Wingate LM, Ettienne E. A National Survey of African American Women with Reported Past Year Opioid Misuse. (AACP, 2022) Virtual Meeting
- Jordan Louis, Dasia Simmons, Anahita Asadi, Pradeep Karla, Padmamalini Baskaran (Primary author). Mitochondrial Quality Control and Fatty Liver Disease. 2023 AACP Annual meeting, Aurora, Colorado
- Padmamalini Baskaran and Vivek Krishnan. Activation of TRP Proteins enhances metabolic activity without modifying energy intake. Society for the study of ingestive behavior, Portland, Oregon
- Brown NR, Alick CL, Wingate LT. Memorable message receipt and dietary behavior among Black adults.Abstract accepted for presentation at Xavier University 16th Annual Health Disparities Conference,New Orleans, LA, February 23, 2023.

Poster & Podium Presentations

- Adesina SK, Adekiya TA. Development of PSMA-Targeted Drug Loaded Nanoparticles for Combination Therapy of Advanced Prostate Cancer. Translational & Clinical Sciences, Howard University Research Symposium 2023, at Howard University, Washington, DC
- Bataille-Backer P, Adesina SK. Synthesis and Characterization of a Targeted Peptide Drug Conjugate for the Treatment of Glioblastoma. Translational & Clinical Sciences, Howard University Research Symposium 2023, at Howard University, Washington, DC
- Ogundipe DO, Adesina SK. Development of Targeted Polymer-Drug Conjugates for Ovarian Cancer Chemotherapy. Translational & Clinical Sciences, Howard University Research Symposium 2023, at Howard University, Washington, DC
- Akintola A**, Evans E, Weaver S, Baskaran P. Evaluation of the Effect of Metabolic Syndrome in the Cause of Breast Cancer in a Minority Population - Data Analysis on Patients in Ambulatory Clinics. Poster accepted at: 57th ASHP Midyear Clinical Meeting and Exhibition; 2022 Dec 4-8
- Akintola A, Evans E, Weaver S, Baskaran P. Evaluation of the Effect of Metabolic Syndrome in the Cause of Breast Cancer in a Minority Population - Data Analysis on Patients in Ambulatory Clinics. American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 2022
- Adesina SK, Adekiya TA. Development of PSMA-Targeted Drug Loaded Nanoparticles for Combination Therapy of Advanced Prostate Cancer. Translational & Clinical Sciences, Howard University Research Symposium 2023, at Howard University, Washington, DC.

- Franklin CJ, Turner MR. Professional Identity Formation Starter Kit for Preceptors: What Is It and What Do I Need to Know?" ASHP Webinar; CE; April 2023.
- Franklin C, "Professional Identity: Being Intentional About Your Brand". AACP Annual Meeting, Grapevine, TX. July 2022
- Franklin C, McKoy-Beach Y, "Integration of a Professional Identity Framework Into a Pharmacy Curriculum". AACP Annual Meeting, Grapevine, TX. July 2022
- Franklin, C. "The Pharmacists Role in Increasing Access to Treatment for Opioid Use Disorder". District Addiction and Consulting Services. January 2023.
- Franklin, C. Turner, MR. "Professional Identity Formation Starter Kit for Preceptors: What Is It and What Do I Need to Know?". American Society of Health-System Pharmacists Section of Pharmacy Educators. April 2023.
- Gadri ND**, Rungkitwattanakul D, Belrhiti S, Heavener M, Hawkins A, Aldhaefi M. 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. Abstract accepted for presentation at the American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 2022.
- Hailemeskel B. Ndid K, Pierre A. Smith SA, and Kulkarni A. Berberine as a Treatment for Type 2 Diabetes Mellitus: Students Knowledge & Opinion. Poster presented at Lifelong Learning 2023 International Conference in Denver, CO 2023
- Hailemeskel B. Gebresenbet, TM; and Biru, BF. Goals and Visions of Pharmacy Students Five Years after Graduation. Poster presented at APhA March 2022 Annual meeting
- Hailemeskel B. Montague, T; and Townsend, T. Survey of Factors that Affected Pharmacy Students' Academic Performance during a Virtual learning. Poster presented at APhA 2022 Annual meeting Moderator: Grant writing Training (1 ½ days) in affiliation with the Grant writing Center through a seed money grant from HU COP. June 5-6, 2023, Health Sciences Library, Howard University
- Harris K*, Belrhiti S, Smith S, Algatan R, Jorden J. The association between students' emotional intelligence, cultural awareness, and performance on the professionalism component of Medicine experiential experiences in fourth year professional students. Abstract accepted for presentation at the American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 2022.
- Hurdle B*, Nkrumah A*, Wingate L. Identifying the Role of Emotional Intelligence on Burnout in Pharmacy Students. Poster accepted at: 57th ASHP Midyear Clinical Meeting and Exhibition; 2022 Dec 4-8.
- Kulkarni A, Gupta N, Devkota S, Hao J, Bowen J. A small molecule NLRP3 inhibitor improves learning in murine model of vascular dementia. RCMI National Conference, April 2023, Bethesda, MD
- Devkota S, Gupta N, Hao J, Bowen J, A novel sulfonylurea compound reduces neuroinflammation in the murine model of vascular dementia. Howard University Research Month, April 2023, Washington, DC
- Lyons J**, Upadhyay S, Daftary MN, Gajjala J. Management of an HIV co-infected Hepatitis C Patient with esophagitis and the inability to swallow pills. Abstract accepted for presentation at the American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 2022.
- Mansour D, Pezzela S, Chou J, Tong M, Weaver S, Devinney, J, Ortiz P. Residency and Fellowship Roundtable. ASCP MidAtlantic Professional Development Track. August 6, 2022, Alexandria, VA
- McKoy-Beach Y, Franklin CJ, McCants T, Evans E, Wingate L, Tofade T. Integration of a Professional Identity Formation Framework into The Pharmacy Curriculum. American Association of Colleges of Pharmacy. Grapevine, TX. July 2022.
- Mohammed Aldhaefi. CIDMAR training on inclusive language among LGBTQ Patients
- Mohammed Aldhaefi. AACP. inclusive language among LGBTQ Patients
- Montague T*, Lyons J, Daftary M, Rungkitwattanakul D, Awuonda MK. Comparison of Renal Function Estimators and their Impact on HIV Pharmacotherapy Eligibility. APhA 2023, Phoenix Arizona
- Nimoh O*, Frimpong V*, Tilahun, E Awuonda MK. Evaluating Predictors of Pharmacist-Provided Medication Therapy Management (PP-MTM) Knowledge Score Among Minority Elderly Persons in Washington, DC ASHP Mid-Year Las Vegas Nevada 2022
- Nonyel NP. Implicit bias, cultural competence, and culturally and linguistically appropriate services (CLAS) in health and health care". (Live CME, CNE, & CPE Credits: 1.00/1.0; ACPE UAN: 0010-0000-23-007-L01-P/T) Presented on 02/11/2023 through Howard University College of Pharmacy., Washington, DC.
- Nonyel NP. Incorporating Social Determinants of Health Framework in HIV Control & Prevention. (Live CME, CNE, & CPE Credits: 1.25/1.0; ACPE UAN: 0010-9999-22-074-L02P) Presented on 01/06/2023 through MidAtlantic Aids Education and Training Center.
- Nonyel NP, Weaver S. "Management of Complications of Sickle Cell Disease during COVID-19 Pandemic". (Live CPE/CE Credit: 1.0; ACPE UAN: TBD) Presented on 07/31/2022 at 75th National Pharmaceutical Association (NPhA) Annual National Convention, Atlanta, GA.

- Nonyel NP, Wisseh C, Fields M. “Integrating the Public Health Mindset into Pharmacy Practice”. (Live CPE/CE Credit: 1.0; ACPE UAN: TBD) Presented on 07/30/2022 at 75th National Pharmaceutical Association (NPhA) Annual National Convention, Atlanta, GA.
- Oputa N*, Rizi S*, Tilahun, E Awuonda MK. Predictors of Intention to Seek Pharmacists Provided Medication Therapy Management (PP-MTM) Among Elderly Patients in Washington, DC ASHP Mid-Year Las Vegas Nevada 2022
- Owens T, Grant-Mills D., Robinson K., Banks F & Howard University Interprofessional Education Committee. HU IPE Day: An Integrated Approach to Child and Adolescent Health. April 5, 2023.
- Palacio M*, Goremusandu C*, McCants T, Muteba K. COVID-19 care “post pandemic”: increasing care in the Washington DC Medicaid population. Abstract accepted for presentation at the American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 2022.
- Pitia M*, Aboagye L*, Wingate L. Identifying the Role of Emotional Intelligence on Burnout in Pharmacy Students. Poster accepted at: 57th ASHP Midyear Clinical Meeting and Exhibition; 2022 Dec 4-8
- Robinson, K. Considering the Lived Experience in Ending the HIV Epidemic. Symposium Presentation (Virtual), University of Minnesota, April 20, 2023.
- Rungkitwattanakul D. Vaccinations in hemodialysis patients. Howard University College of Pharmacy CE day, Feb 2023
- Rungkitwattanakul D. Controversy in Glomerular filtration rate estimation among transgender patients. Howard University College of Pharmacy CE day, Feb 2023
- Rungkitwattanakul D. Updates in GFR estimation and implications among African American HIV patients, MidAtlantic AIDS Education and Training Center (MAAETC), Oct 2022
- Rungkitwattanakul D. Practical uses of SGLT-2 inhibitors among patients with diabetes and chronic kidney diseases. Inova Jupiter Program, Inova Fairfax Medical Campus. Sep 2022
- Rungkitwattanakul D. GFR estimation and implications among African American patients. edStar Health Continuing Pharmacy Education session. Sep 2022
- Rungkitwattanakul D. Drug dosing in CRRT. MedStar Health Continuing Pharmacy Education session. Sep 2022
- Rungkitwattanakul D. Kidney Disease, Race, and renal function assessment. National Pharmaceutical Association (NPhA) Annual Convention. July 2022
- Rungkitwattanakul D. Updates in GFR assessment in African American patients. Inova Jupiter Program, Inova Fairfax Medical Campus. July 2022



- Sistani BP**, Wingate LT, Lam KS, Diaz-Luna J. Impact of the Coronavirus (COVID-19) Pandemic on Enrollee Adherence to Statin Therapy in the CareFirst Community Health Plan's Medicaid Population. Poster accepted at: 57th ASHP Midyear Clinical Meeting and Exhibition; 2022 Dec 4-8
 - Sledge S*, Dairo O*, Mayaka R**, Ali A, Weaver SB. Trends in Biomarker Testing and Choice of Therapy in patients with Breast and Lung Cancer. Poster accepted at: 57th ASHP Midyear Clinical Meeting and Exhibition; 2022 Dec 4-8
 - Taylor A**, Brown E*, Patterson K*, Evans E, Mere C, Runakitwattanukul D. Effect of race coefficient glomerular filtration estimation equation on SGLT2 inhibitors eligibility. Abstract accepted for presentation at the American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 2022.
 - Townsend T*, Belrhiti S, Smith S, Algatan R, Jorden J. The relationship between pharmacy students' emotional intelligence and multicultural awareness as it relates to their overall performance during APPE Medicine rotations. Abstract accepted for presentation at the American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 2022.
 - Turner MR. Building Cross-Cultural Communication and Cultural Care Skills Into the Curriculum. Presentation at AACP EDI Institute. January 2023.
 - Unonu, J. Medication and Dispensing Errors. HUCOP Office of CPE 2023 Pharmacy License Renewal CE Program, February 2023
 - Unonu, J. APhA Pharmacy-Based Immunization Delivery Certificate Training Program Speaker. September 2022.
 - Unonu, J. APhA Pharmacy-Based Immunization Delivery Certificate Training Program Speaker. November 2022.
 - Unonu, J. APhA-APRS Keynote Speaker: Pharmacy's Impact on Disparities in Research. APhA Annual Meeting and Exposition on March 24-27, 2023, in Phoenix, AZ.
 - Unonu, J., Moderna: Community Sentiment- Vaccine Awareness, Challenges, and Best Practices (Panel Speaker). NPhA/SNPha Annual Convention on July 31, 2022, in Atlanta, GA.
 - Mildort, B.; Wang, S. Automated summarization of clinical notes from electronic health records with natural language processing. Howard University Research Month Symposium 2023. Washington, DC (April 2023)
 - Hayes, J. M.; Wang, S. Use of quantum computing to assess the effect of SARS-CoV-2 mutations on Remdesivir. Howard University Research Month Symposium 2023. Washington, DC (April 2023)
 - Noriega, H.A.; Wang, X, S. Combination of AlphaFold2 and long-timescale molecular dynamics simulations to understand viral packaging processes. Howard University Research Month Symposium 2023 (April 2023)
 - Prince, D.; Wang, X. Benefits of using virtual reality to teach in pharmacy compounding lab. 2022 ASHP Midyear Clinical Meeting. Las Vegas, NV (Dec. 2022)
 - McGarvey, P.; McKinney, C.; Stanley, S.; Libin, A.; Wang, X.; Gao, G.D.; Agarwal, R.; Shara, N.; Burge, L. The AIM-AHEAD data science training core. AMIA 2022 Annual Symposium. Washington, DC (Nov. 2022)
 - Mildort, B.; Wang, S.; Tofade, T.; Pather, I. Democratizing Artificial Intelligence: Empowering college curriculums and the next generation workforce with deep learning technologies. The AACP 2022 Annual Meeting, World Wide Web (July 2022)
 - Winfield E**, McCants T, Wingate L, Franklin CJ, Droppelman, W. Assessing the impact of a community pharmacists led sickle cell management program. Abstract accepted for presentation at the American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 2022.
 - PGx-Guided Clinical Decision Support in Improving OUD Outcomes: A Hybrid Effectiveness-implementation Model Approach. AACP Innovate Interim Meeting February 19-21, 2023
- ## Appointments
- Kulkarni:
 - Ad hoc reviewer, NIH (R16 mechanism)
 - Ad hoc reviewer, NSF (STTR/SBIR mechanism)
 - Adebayo:
 - AAPS PharmSci360, October 22-25, 2023 Appointment as abstract screener. AAPS
 - 2023 American Association of Pharmaceutical Scientists Rapid Fire Committee (RFC), Appointment as Track Chair, Formulation and Delivery Track, May 2023
- ## Grants
1. Adebayo A (Principal Investigator), American Cancer Society Howard University Diversity in Cancer Research Program Grant \$40,000 for 1 year.
 2. Adebayo A (Principal Investigator), Howard University College of Pharmacy, Research Seed Grant, 2023. Award amount - \$5,000
 3. Akala E, PI NIH: Targeting Lymph Node and Spleen HIV Reservoirs for HIV Cure Akala PI 02/01/22 - 01/31/2024 (\$772,500)
 4. Victor Ejigah (Ph.D. Student); Emmanuel O. Akala (Faculty mentor), Pharmaceutical Research and Manufacturers of America (PhRMA) Foundation - Predoctoral Fellowship in Drug Delivery: \$50,000 for two years (January 2022 to December 2023) for my Ph.D. Student Victor Ejigah (Proposal for the Development of Novel Stealth Pertuzumab and Neratinib Loaded Nanoparticles for HER2-Positive Breast Cancer Treatment)

OUTSTANDING EDUCATORS & STAFF SHOWCASE

6. Akala E, PI NIH: Multifunctional Nanotechnology Platform for Triple Negative Breast Cancer Treatment 08/01/2022 end date: 07/31/2026 (\$618,000)
7. Aldhaefi M (Principal Investigator), Rungkitwattanakul D (Co-investigator). Transition of Care and Financial Assistance for African American Heart Failure Patients in the District of Columbia. Funded: National Association of Chain Drug Stores Grant. Amount \$20,000
8. Aldheefi M (Principal Investigator), Baskaran P (CO-PI) Enhanced efficacy of combination of empagliflozin and hydralazine-Isosorbide dinitrate in Heart failure with reduced ejection fraction in African American population, Funded: HUCOP Seed Grant. Amount \$5,000
9. Awuonda MK (CO-PI), Kwagyan, Carter-Nolan, Ettienne E, Wingate LM, Daftary M, McCants T, Unonu J. PHIT4DC Year 2 Renewal (\$8 million total Award for 5 years)
10. Awuonda MK (CO-PI), Kwagyan, Carter-Nolan, Ettienne E, Wingate LM, Daftary M, McCants T, Unonu J. PHIT4DC New Supplement Award \$232,750 for the 4 years left in the parent grant)
11. Baskaran and Aldhaefi - PI Howard University College of Pharmacy, Research Seed Grant 2023. Award Amount - \$5,000
12. Daftary M. (CO-PI) [Program Leads: Rungkitwattanakul D, Robinson K, Rebold N, Nonyel N] Subcontract from University of Pittsburgh (PI: Dr. Linda Frank) CNVA00050178 (136319-1) Mid-Atlantic AIDS Education and Training Center (MAAETC): Amount \$315000 (Year 4)
13. Franklin C (Principal Investigator), Tamara, C (Co-PI), Bellevue Community Pharmacy Residency Grant, Amount \$54,000
13. Franklin C (Co-I), McCants T (Co-PI), E'Shay Winfield (PI). American Pharmacists Association (APhA) Foundation Incentive Grant. Amount \$1000
14. Hailemeskel B & Francis A. Pfizer Educational Grant: Biosimilars: What Pharmacy Professionals Need to Know. 2022-2023. Pfizer Global Medical Grants Visiting Professorship Program. RAS Proposal # 22-201-G. Role: Principal Investigator. Amount: \$10,000.00
15. Johnson, M., Harris, B., Mahgoub,S., Robinson, K., Richardson, F. HIV Recruitment Grant. Role: Co-Principal Investigator. Amount: \$800,000
16. Kulkarni-PI, Co-PI Dr. Michael Bukrinsky, The National Institutes of Health, R21NS129478-01. Total award amount \$448, 126 over two years (2022-2024)

17. Kulkarni - Project Lead, Southerland-PI. The National Institutes of Health, 3U54MD007597-34S5. Total award amount \$695,250 (2022-2023)
18. Kulkarni - Project Lead, Southerland-PI. The National Institutes Health, 3U54MD007597-34S2. Total award amount \$154,500 over two years (2022-2024)
19. Kulkarni - collaborator, PI-Hao, The National Institutes of Health, 1R21NS133895-01. Total award amount: \$30,900 (2022-2024)
20. Unonu, J., Walmart Grant for SNPhA Prescription for Service Competition. Amount: \$2,500
21. Wang X.S, PI-IBM Corporation. The IBM Quantum Center Awards - Hybrid Quantum-Classical Neural Networks to Facilitate Drug Discovery - Sept. 1, 2022 - Feb. 28, 2024 (\$100,000)
22. Wang X.S., PI - Microsoft Corporation. Education HUB Grant of Azure Cloud Computing - AI - based Chatbot for Pharmacy Education - Jan. 1, 2022 - Dec. 31, 2022 (\$5,000)
23. Wang X.S., - Co-I - National Institutes of Health AIM-HEAD Data Science Training Core OTA-21-017-ML, AI, Data Science, Teaching, Education and Research (MASTER) on Health Disparities Training Core - Sept. 8, 2021 - Sept. 7, 2023 (\$15,311,000)
24. Wang X.S., PI - AAVnerGene Inc. Research Grant - Artificial Intelligence Assisted Adeno-associated Virus (AAV) Capsid Design - Aug. 1, 2021 - Jul. 31, 2025 (\$200,000)
25. Wingate LT, Weaver SB, AIM-AHEAD Data Science Training Core (DSTC) Faculty Teaching Buyout Pilot Program. 2022-2023. Howard University AIM-AHEAD DSTC/NIH. Role: Co-Principal Investigators. Amount: \$30,000.00
26. Yarabinec, A., Jorden, J., Browne, M., Robinson, K. Enhancing Cultural Humility through a Longitudinal APPE Exchange Program. 2023 Scholarship of Teaching and Learning Grant. Role: Co-Principal Investigator. Amount: \$4,000.
27. Pfizer Educational Grant: Biosimilars: What Pharmacy Professionals Need to Know. 2022-2023 FUNDED: Pfizer Global Medical Grants Visiting Professorship Program. RAS Proposal #22-201-G Role: Principal Investigator. Amount: \$10,000
28. Educational Grant to Promote Clinical Research Among Pharmacy Clinicians. FUNDED: HU COP Research Development & Graduate Program Seed Grant. Role: Principal Investigator. Amount: \$5,000.00



Howard University College of Pharmacy Researcher Secures \$1.3 million NIH Grants for Investing HIV Cure and Triple Negative Breast Cancer

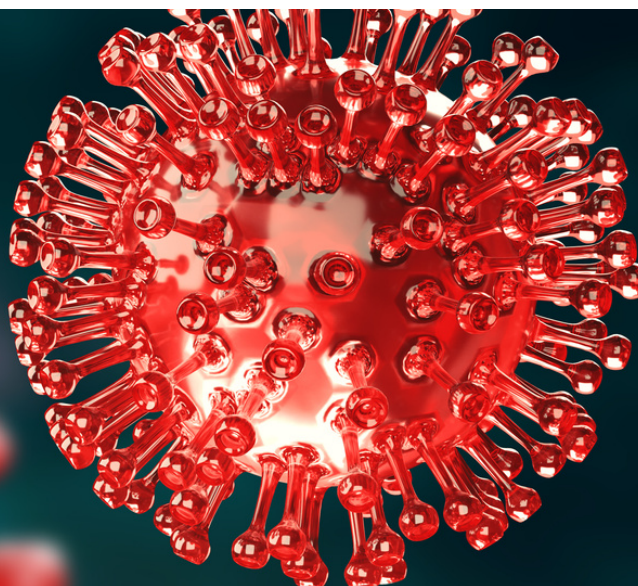
Dr. Akala, a distinguished professor at the College of Pharmacy, has garnered substantial recognition through grant awards totaling \$1.3 million from the National Institutes of Health (NIH). These grants are aimed at investigating intricate challenges in drug therapy pertinent to combating two diseases that disproportionately affect the Africa American population: triple-negative breast cancer and HIV/AIDS. Holding the position of Director at the College of Pharmacy's Laboratory for Nanomedicine, Drug Delivery, Dr. Akala also leads the Center for Drug Research and Development while actively imparting knowledge in PharmD and PhD courses related to pharmaceutical sciences.

The National Institutes of Health have entrusted Dr. Akala and his team of adept pharmacy researchers to delve into the realm of the aggressive triple-negative breast cancer. This particular strain of breast cancer, which lacks the presence of the typical three cancer cell receptors, accounts for around 10%-15% of breast cancer cases. Dr. Akala's primary objective is to leverage nanotechnology to devise innovative mechanisms for enhancing the precise delivery of substantial drug quantities to cancer cells, all while circumventing off-target toxicity. The project, scheduled from 2022 to 2026, hold the promise of pioneering advancements in cancer treatment.



In parallel Dr. Akala will explore a promising avenue toward an HIV/AIDS cure. The alarming prevalence of HIV/AIDS among African Americans necessitates a dedicated effort to tackle this challenge. Akala's research focuses on employing nanotechnology-driven drug deliver systems to surmount the hurdles associated with eradicating HIV reservoirs in lymph nodes and the spleen. Through these innovative strategies, the pursuit of an HIV cure gains newfound momentum. The project is slated to continue until 2024, carrying the hope of transformative breakthroughs.

As the horizon of scientific advancement unfolds, Dr. Akala's pioneering efforts and unwavering commitment to addressing critical health disparities ignite optimism for a future where these devastating diseases can be curtailed.



MISSION

The mission of Howard University College of Pharmacy is to provide pharmacy education of excellent quality to students possessing high academic, scholarship, and leadership potential, with particular emphasis upon the recruitment, retention, and graduation of promising African American and other ethnically diverse minority students. The college fosters the creation of new knowledge through innovative research and scholarship, commitment to community service, continuous professional development, and dedication to superior pharmacy practice locally and globally.

VISION

Howard University College of Pharmacy aims to excel in teaching, learning, research, leadership, and serve locally and globally.

VALUES

Our mission statement and vision capture the essence of the core values that are embedded within the fabric and identify of our faculty, students, and staff. We exude these core values in our interactions with each other as well as those who we contact on a daily basis. In a word, the Howard University College of Pharmacy Family is one that demonstrates C.A.R.E. Collaboration, Accountability, Respect and Excellence.

We Excel!



College of Pharmacy

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