



College of
Pharmacy

2021|22 ANNUAL REPORT

HEALTH EQUITY IN
PHARMACEUTICAL SCIENCES



CONTENTS

2021|2022

HOWARD UNIVERSITY
COLLEGE OF PHARMACY

ANNUAL REPORT

July 1, 2021 to June 30, 2022



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COLLEGE LEADERSHIP

Toyin Tofade, MS, PharmD, BCPS, CPCC, FFIP
Dean and Professor

Muhammad Habib, Ph.D.
Associate Dean of Academic Affairs and Professor

Oluwaranti Akiyode, PharmD, BCPS, CDCES
*Assistant Dean for student Affairs and
Director of Professionalism and Professional Development*

Youness R. Karodeh, PharmD, R.Ph
*Assistant Dean and Associate Professor for
External Programs and Non-Traditional Doctor of Pharmacy Program*

Monika N. Daftary, PharmD, BCPS, AAHVP
*Chair, Department of Clinical & Administrative Pharmacy Sciences
MAAETC Co-PI/Regional Director*

Indiran Pather, D. Pharm.
Chair & Professor: Department of Pharmaceutical Sciences

La'Marcus T. Wingate, PharmD, PhD
Associate Professor and Director of Assessment

Jamila Jorden, PharmD, MBA
*Assistant Professor and Director, Experiential Program
Career and Professional Development Coordinator*

Earl B. Ettienne, BSc Pharm, MBA, L.P.D. RPh
*Director for Graduate Program and Industrial Partnerships
2021 -2022 Alumni President*

PROGRAMS AND DEPARTMENTS

CENTER OF EXCELLENCE

Mary K. Awuonda PhD
*Associate Professor, Director Center of Excellence
Director National Workforce Diversity Pipeline Project
Department of Clinical & Administrative Pharmacy Sciences*

NON-TRADITIONAL DOCTOR OF PHARMACY (NTDP) PROGRAM

Youness Karodeh, PharmD
*Assistant Dean for External Programs
and Non-Traditional Doctor of Pharmacy Program*

PACE INTERNATIONAL CENTER

Dr. Grace Jennings, Director of International Operations
*Henry Fomundam (Southern Africa)
Dorothy Oqua (Nigeria)*

MID ATLANTIC AIDS EDUCATION AND TRAINING CENTER (MAETC)

Cheryl Pack
Regional Coordinator

OFFICE OF CONTINUING PROFESSIONAL EDUCATION

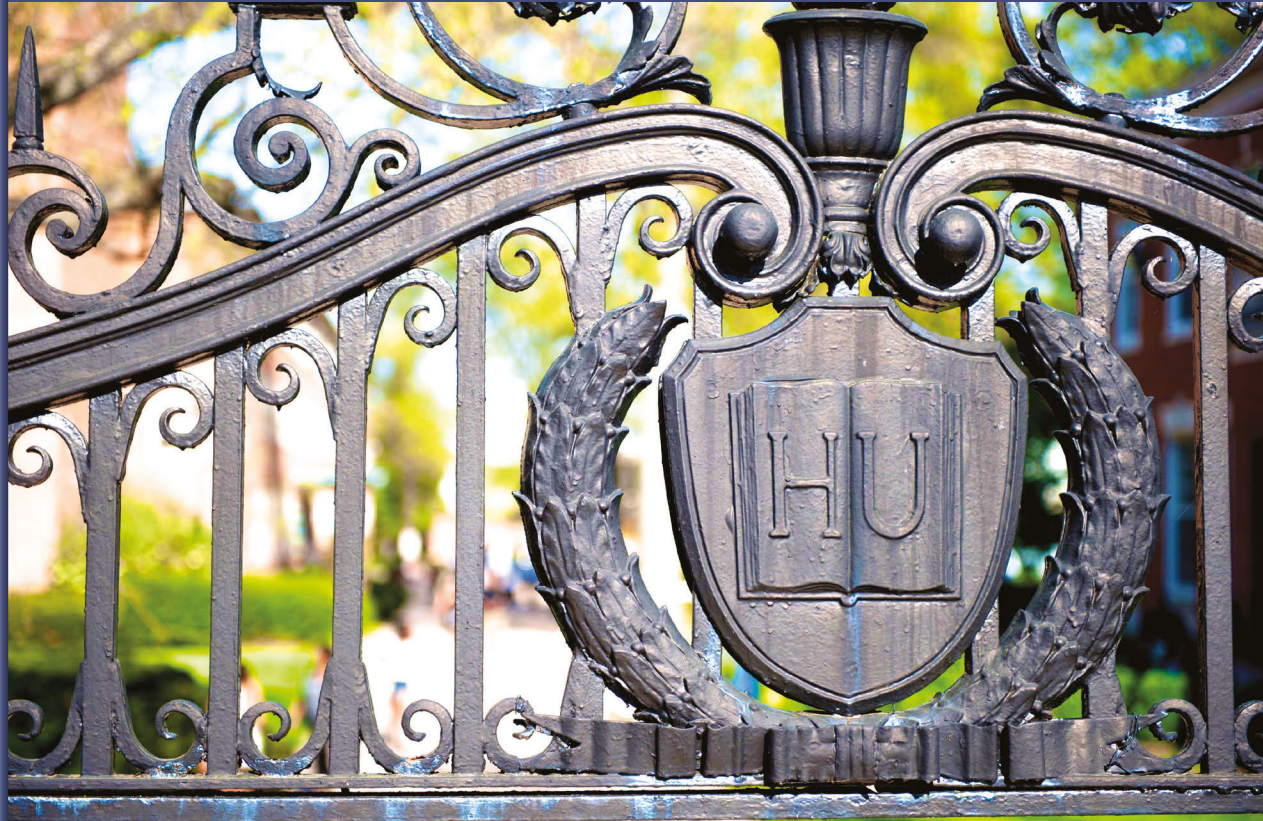
Bisrat Hailemeskel, MSc., PharmD, RPh., ABAHP
Professor of Clinical Pharmacy & Vice Chair

Anthea Francis, RPh.
Program Coordinator

ALUMNI ASSOCIATION

Earl B. Ettienne, BSc Pharm, MBA, L.P.D. RPh.
President

Frederick Munford, M.S., DMin
Alumni Liaison (retiring)



VISION

Howard University College of Pharmacy strives to be a premier college in teaching, learning, practice, research, and service.

MISSION STATEMENT

HUCOP mission 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.

Please visit our website for additional information.
<http://PHARMACY.HOWARD.EDU>

OUR VALUES

Please continue to support the College of Pharmacy. Our funding priorities for the coming year include increased scholarship support for students and support of academic programs.

**We are
L.E.A.D.E.R.S.**

Leadership
Excellence
Accountability
Diversity
Engagement
Relationship
Service



MESSAGE FROM THE DEAN



Dear Colleagues,

The College of Pharmacy continues to have a strong reputation and sustained growth as a function of great work by our faculty, staff, students, alumni, and board of visitors. We completed the first year of the ACPE reaccreditation in which an 8-year term was awarded and have embarked upon creating our new strategic plan for the years 2023-2027. HUCOP completed our 2018 – 2022 Strategic Plan and was successful in accomplishing nearly 90% of the goals set forth. The portion that has not been completed has been carried over to the new strategic plan developed in Spring 2022. Stay tuned for a copy of the updated strategic plan that covers 2023 thru 2027.

In 2021, we retained our ranking of #75 in U.S. News and World Report list of Pharmacy schools in the U.S. This is up from 98 in 2016 and made us the #1 HBCU Pharmacy school in the Nation. Our goal is to remain on this trajectory and be a premier global institution for Pharmacy Education. HUCOP anticipates expanded partnerships and a higher ranking in U.S. News and World Report in the future. Some of the highlights in the past year include:

- A successful Pharmacy Recognition Ceremony for our Class of 2022 graduates with keynote speaker Dr. Paul Abramowitz, CEO of American Society of Health System Pharmacists
- 97% of our graduating class had a placement with either directly employment, residency, fellowship by May 2022
- A 70% residency match rate for our graduates
- Increase in partnerships with other colleges and schools in service of our mission. Thanks to the student affairs team (Joshua Zeller, Marlon Prince and Dr. Akiyode)
- \$450,000 commitment to student scholarship from Alto Pharmacy which led to the offering of full ride scholarships to 3 incoming students in Fall 2022
- Receipt of funding for faculty cluster hiring jointly with College of Medicine in Data Analytics and/or Artificial Intelligence & Machine Learning
- Commemorated 10 years of partnership with JSS AHER in Mysuru, India virtually on April 6 and 7, 2022 which includes student exchanges from the 2 countries. Partnership also includes research collaborations
- The college is preparing to host 28 College of Pharmacy deans from Nigeria (Pharmacist Council of Nigeria) on site to assist them in their transition from BS in Pharmacy to PharmD program. This will mark a 30-year anniversary of their visit to Howard.
- Receipt of approval for a PharmD-MPH pathway and preparing for implementation

We are seeking benefactors willing to use their time, talent, resources, and sphere of influence to help us increase scholarship opportunities for our students; create internship/employment pipeline opportunities for our talented students; create endowed professorships for merit and need; and create faculty support resources to enable conferences and research. Join us in making it a reality or stop by and see us to discuss other ways you would like to partner.

Yours in Service,

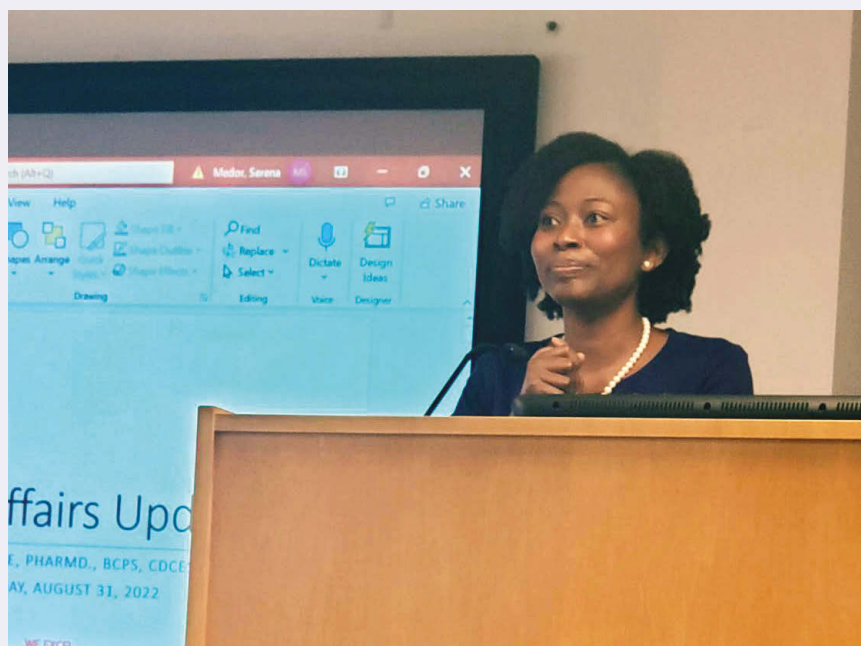
A handwritten signature in blue ink that reads "Toyin Tofade".

Toyin Tofade, MS, PharmD, BCPS, CPCC, FFIP
Dean and Professor

ANNOUNCEMENT OF INTERIM DEAN DR. OLUWARANTI AKIYODE



INTERIM DEAN
Oluwaranti Akiyode, Pharm.D., BCPS, CDCES
Assistant Dean and Professor
Office of Student Affairs



Howard University is pleased to announce that Ranti Akiyode, Pharm.D., has been selected to serve as the Interim Dean of the College of Pharmacy. Akiyode is a professor in the Department of Clinical and Administrative Pharmacy Sciences and currently serves as the assistant dean for student affairs. She has 21 years of experience as faculty member, including 15 years of clinical pharmacy practice. She is board certified in pharmacotherapy specialty and is a diabetes care and education specialist. She was the founding pharmacist at the Howard University Hospital Diabetes Treatment Center where she established the delivery of medication therapy and diabetes management service in collaboration with endocrinologists, nurses, and dietician from 2007-2017. She received her doctorate degree in clinical pharmacy from the University of Mississippi School of Pharmacy in 2000. She completed a community pharmacy residency program at Leesburg Pharmacy. Dr. Akiyode is very passionate about lifelong learning, leadership, and professional development. She received the Professionalism Recognition Award for Clinical Faculty in 2016, Faculty Preceptor of the Year Award in 2017, and the HU Pharmacy Alumni Association Distinguished Faculty of the Year Award in 2018. She has been a mentor to multiple junior faculty. She established and coordinates the formalized mentoring program for junior faculty at the College of Pharmacy. She completed the coveted one-year American Association of Colleges of Pharmacy Academic Leadership Fellows Program designed to develop the nation's most promising individuals at Colleges of Pharmacy to become future leaders in pharmacy and higher education. She is passionate about developing students, staff, and faculty to become the best version of themselves.

Her vision during the interim period is for the College to "EXCEL". This translates to excellence from students, faculty, staff in all areas including teaching, practice, research, leadership, and service. As the #1 HBCU College of Pharmacy in the nation, she aims for the college to continue to lead in the development of African American practitioners and leaders that would transform pharmacy practice nationally and globally to improve patient care and outcomes.

COP ACHIEVEMENTS

- **8 Years of reaccreditation (2021-2029)**
 - **#75 US News and World Rank from #98 (2016)**
 - **#1 HBCU per US News and World Rankings**
 - **#1 producer of black pharmacists in the Mid-Atlantic region**
 - **35 faculty positions (28 in 2016)**
 - **97% of Class of 2022 were placed by May 2022**
 - **75% residency match rate for Class of 2022**
 - **Full tuition scholarships for 3 incoming P1s**
-

COP STUDENT SUCCESSES




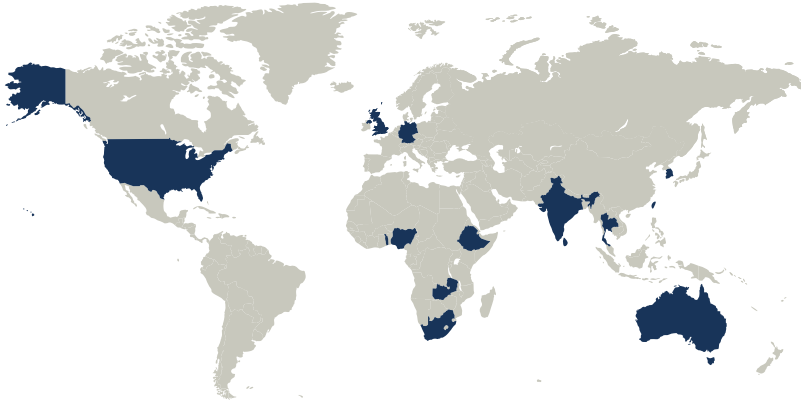









- **Class of 2022 placement (97%)**
- **75% residency Match Rate**
- **Expanding Education Opportunities**
 - PharmD/MBA
 - PharmD/MPH
 - PharmD/PhD – *pending*
 - MS in Regulatory Affairs online - *pending*
 - Certificate in Health Informatics
- **Residencies/Fellowships**
 - Pharmaceutical Industry Fellowships
 - 33-35 positions with over 12 companies

“Howard’s College of Pharmacy 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.”

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

HUCOP GLOBAL PARTNERSHIPS

HUCOP NOW HAS 19 INTERNATIONAL PARTNERSHIPS IN 7 CONTINENTS
FOR STUDENT ROTATIONS

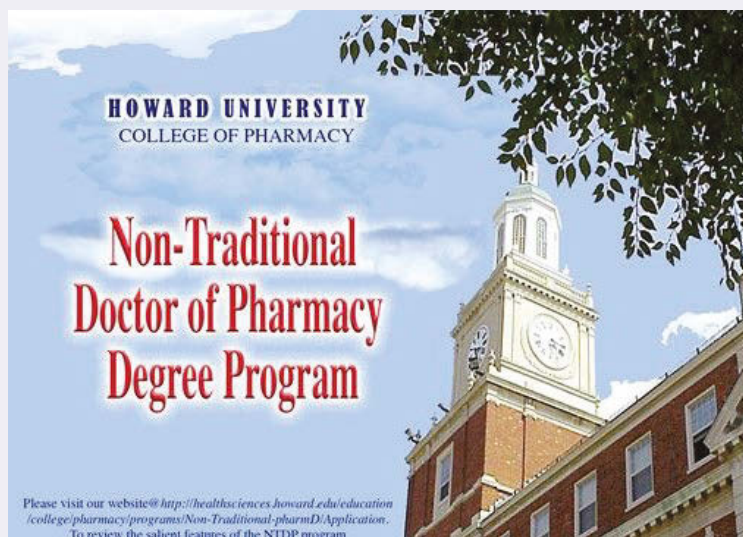
<h2>Highlights</h2>	 <p>HOWARD UNIVERSITY</p>	<p>College of Pharmacy</p> 
 <p>Hands-on, Tech Based, Student Focused Advising</p>	 <p>Want to Learn More? Visit Our Newly Redesigned HUCOP Website at: https://Pharmacy.Howard.edu</p>	
<p>Cutting Edge, Transformational, Interdisciplinary, Regulatory Affairs & Policy Programs</p> 		
 <p>First College of Pharmacy to be Awarded the "Opioid Analgesic: Risk Evaluation and Mitigation Strategy (REMS)" Grant: Awarded 2019 to the Office of CPE</p>		
<p>Conducting HIV/AIDS/TB Care and Capacity Building in Sub-Saharan Africa Since 2000</p> 	<p>Capacity for 50-100% of each class to rotate Internationally</p> 	
 <p>Unfettered Access to Thought Leaders with Regional, National & International Influence</p>	<p>Our Mostly Online PharmD Program Re-equips Today's Practicing Pharmacists For Tomorrow's Challenges</p> 	
<p>Transformational Pre-Professional Pipeline Programs Serving Undergraduate, High, Middle & Elementary School Students from Across the Nation Since 2000</p> 	 <p>Innovative and Unique Learner Centered Diversity & Leadership Program</p>	<p>Capitol City Pharmacy Medical Reserve Corps (MRC) Uniquely Established in 2013, for & by Pharmacy Professionals to Improve Public Health Preparedness.</p> 

- | | |
|---|--|
| 1. Imes Pharmacy, Melbourne, AUSTRALIA | 10. Pretoria, SOUTH AFRICA |
| 2. Universidad Federal de Santa Catrina (UFSC), BRAZIL | 11. Bless You Pharmacy, GERMANY |
| 3. Black Lion Hospital, Addis Ababa, ETHIOPIA | 12. Korle Bu Teaching Hospital, GHANA |
| 4. University of Ibadan, NIGERIA | 13. Total Health, IRELAND |
| 5. JSS University, Mysore, INDIA | 14. Lebanese International University, Beirut, LEBANON |
| 6. Seoul National University College, Seoul, SOUTH KOREA | 15. Siam University, Bangkok, THAILAND |
| 7. Taipei Taiwan Shin Kong Wu Ho Su Memorial Hospital, Taipei, TAIWAN | 16. Prince of Songkla, Songkla, THAILAND |
| 8. University of the West Indies, Kingston, JAMAICA | 17. Zithulele Hospital, SOUTH AFRICA |
| 9. Livingston Hospital, Livingston, ZAMBIA | 18. PharmVGate Academy, Dubai, United Arab Emirates |
| | 19. University Grenoble Alpes, FRANCE (<i>pending</i>) |

MULTIPLE WAYS, ONE COLLEGE

Photo: Pharmacokinetics

**The Ph.D. degree in
Pharmaceutical Sciences is
approximately four years,
consisting of three tracks:**
Pharmacy Administration
Medicinal Chemistry
Pharmaceutics



The B.S./PHARM. D. Dual Degree Program allows a student to complete the requirements for both the B.S. and Pharm.D. Degree in seven years instead of the customary eight years. The program is part of an articulation agreement that Howard University has with 14 feeder institutions. Students obtain B.S. degrees from their previous institution, and a Pharm.D. degree from Howard University upon completion of all required courses. (*see partnerships below*)

The Traditional Pharm.D. Program provides students with the knowledge and skills to practice pharmaceutical care. The curriculum comprises courses in the biomedical sciences, pharmaceutical sciences, drug delivery and dosage forms, biopharmaceutics and pharmacokinetics, biomedical, clinical and administrative sciences, drug information and pharmacy practice. We also offer a joint Pharm. D./M.B.A., integrating the pharmaceutical sciences with business management.

The Non-Traditional Doctor of Pharmacy Program (NTDP) is designed for practicing pharmacists. The NTDP curriculum is learner- and competency-based and incorporates communication, problem solving, and critical thinking in all phases of the program. There is a minimum of two years to complete. Non-Traditional Doctor of Pharmacy (NTDP) Program designed for practicing pharmacists. The salient features of the program are highlighted below:

- **SELF-PACED:** Take courses via the Internet from your own home.
- **FAST TRACK:** Complete the program in only two years compared to four or five years.
- **CONVENIENT:** No campus visits are required.
- **COST EFFECTIVE:** Competitive with other non-traditional Pharm.D. programs.
- **INTERACTIVE:** Instructor and peer interactions through the Internet.
- **INTEGRATED:** Incorporates disease state management instruction.
- **FLEXIBLE:** 24/7 access to course content.

For more information, please contact NDTP Helena.peters@howard.edu.

HUCOP CREATES PHARM D PIPELINES FOR COLLEGES, UNIVERSITIES AND COLLEGES OF PHARMACY

HUCOP partners with community colleges, universities and colleges of pharmacy around the globe. The following partnerships expand educational opportunities for students at these colleges and universities, providing the opportunity to earn their PharmD from Howard University upon completion of their degree program. Howard University College of Pharmacy is proud to partner with community colleges and universities to increase access to the pharmacy profession. The Howard University College of Pharmacy seeks to increase the numbers of African Americans in the pharmacy profession.



STUDENT GRADUATION & ACHIEVEMENTS

HUCOP SNPhA CHAPTER

The HUCOP SNPhA chapter had their challenging work highlighted during the NPhA/SNPhA Annual Conference during the closing ceremony session. Dr. Jacquise Unonu as the faculty advisor.



Shanelle Debraux



Jessica Nwabuoku

HUCOP RECEIVED THE HEALTH DISPARITIES AWARD DURING THE 2021 *SCRIPT YOUR FUTURE*

Howard University College of Pharmacy student leaders; Nora Gadri (pictured right) and Quan Chess (pictured far right), received the Health Disparities Award for the 2021 *Script Your Future* Team Challenge this past June! The National Script Your Future Challenge focus was on the “Health Disparities Award”.



Nora Gadri



Quan Chess

STUDENT NATIONAL PHARMACEUTICAL ASSOCIATION (SNPHA) APPOINTMENT

P3 Taylor Thibeaux was appointed to the Student National Pharmaceutical Association (SNPhA) National Executive Board as Region I Facilitator. She will be overseeing organization chapters for the academic school year.

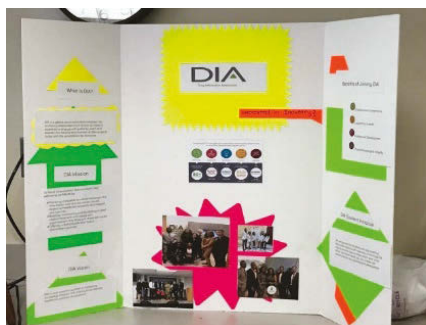


Taylor Thibeaux

“Congratulations Taylor!!! This is fantastic news and I know you’ll do a phenomenal job.”

Jacquise Unonu, PharmD, AAHIVP, Clinical Assistant Professor, Career and Professional Development Coordinator, Department of Clinical and Administrative Pharmacy Sciences

DELTA KAPPA WAS AWARDED THE 2021 KAPPA PSI FOUNDATION SCHOLARSHIP



PFIZER APPE PILOT PROGRAM

HUCOP Students participated with Pfizer APPE Pilot Program that was designed to broadly increase awareness of pharmaceutical industry careers in regulatory science and enhance diversity within Pfizer Global Regulatory Affairs. Fourth (4th) year students Hadiya Strong (left) and Jennifer Duru (right) were the pilot participants of this experience.



Hadiya Strong



Jennifer Duru

KOMAL PAREKH IS SELECTED TO PARTICIPATE IN THE PFIZER GLOBAL AFFAIRS PROGRAM

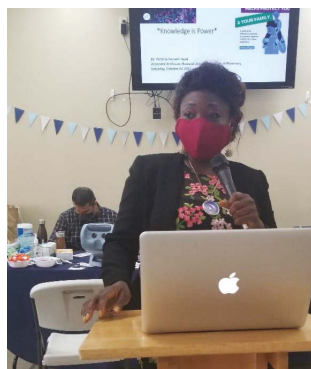


Komal Parekh, Class of 2023

Komal Parekh, Class of 2023 (pictured l), Howard University COP PharmD candidate was selected from a highly competitive pool of applicants to participate in the Pfizer Global Regulatory Affairs (GRA) Advanced Pharmacy Practice Experience (APPE) Program.

The GRA APPE Program is a focused and direct approach to strengthening the diversity of the future Pfizer talent pipeline. This program provides the opportunity for talented rising 4th-year pharmacy students to be integrated into cross-functional Pfizer teams to promote further understanding of the regulatory affairs profession, the many variables associated with gaining FDA (regulatory authority) product approval, and most importantly fulfilling unmet needs to improve patient outcomes.

HUCOP STUDENTS PARTICIPATED IN "BROWN BAG REVIEW" DURING A BREAST CANCER AWARENESS HEALTH FAIR IN MARYLAND



Dr. Pat Noumedem was a guest speaker on COVID 19 Vaccine at Church of the Living God in Hyattsville Maryland at Covid 19 Health Fair.

Harvest Intercontinental Ministries partnered with Dr. Patricia Ayuk Noumedem (pictured left) and seven Howard University College of Pharmacy PharmD students.



OCTOBER IS NATIONAL PHARMACY MONTH

Photos: Pharmacy students and volunteers posed with Mr. Peter Matthew's owner of Peter Bug Shoe Leather Repair in DC; hosted students, volunteers and participated in community outreach activities during National Pharmacy month by providing blood pressure screenings and healthcare education to the community.



COLLEGE OF PHARMACY STUDENT COUNCIL (CPSC) CELEBRATED 5 YEARS OF APOTHECARY



The Apothecary Brunch was designed by CPSC, five (5) years ago to acknowledge the student leaders, organizations, faculty, and staff within the College of Pharmacy. After 2 years of a virtual brunch, this year we held the 5th Annual Apothecary Brunch in person at The Hamilton. The brunch event was a success, and we were able to recognize not only the student leaders, organizations, faculty, and staff for their great work but also Dr. Tofade and Dr. Akiyode to show our appreciation for their commitment and dedication. Brian Hurdle was also awarded the USPHS award for his service to the community. This event was also sponsored in part by CVS Health.

Congratulations!

TO THE FOLLOWING RECIPIENTS ON RECEIVING THEIR AWARDS:

P1 Student of the year: LaNisha Potts

P2 Student of the year: Jaeyson Washington

P3 Student of the year: Adefemi Ige

P4 Student of the year: Stephanie Reid

2021-2022 Service student of the year: Jessica Nwabuoku

2021-2022 Faculty of the year: Dr. Imbi Drame

2021-2022 Faculty of the year (PharmSci): Dr. Simeon Adesina

2021-2022 Staff of the year: Helena Peters

2021-2022 Service Organization of the Year: SNPhA

2021-2022 Outstanding Leadership Organization of the year: DIA



HOWARD UNIVERSITY COLLEGE OF PHARMACY & ALTO PHARMACY ANNOUNCE, "ALTO SCHOLARS" INAUGURAL SCHOLARSHIP PROGRAM



The HUCOP announced a three-year partnership that will support the education of future pharmacists with the San Francisco-based Alto Pharmacy ("Alto"). A patient-centric telehealth pharmacy committed to health and well-being; Alto announced a three-year partnership with the Howard University College of Pharmacy ("HUCOP"). Under the program, Alto will contribute \$450,000 to support scholarships for approximately five students each of the three years. This builds on an existing partnership that established paid internships and forged a career path to quality permanent pharmacist roles for aspiring HUCOP students. To learn more about Alto pharmacy, please visit www.alto.com.

2022 ALTO SCHOLARS SCHOLARSHIP WINNERS

The inaugural Alto Scholarship winners named three (3) incoming pharmacy students in the Class of 2026. These students were awarded full-tuition scholarships for four (4) years at Howard University College of Pharmacy. This award is funded by Alto Pharmacy and recognizes these three (3) Alto Scholars Pictured below) for their high academic accomplishments and potential to be excellent pharmacists.



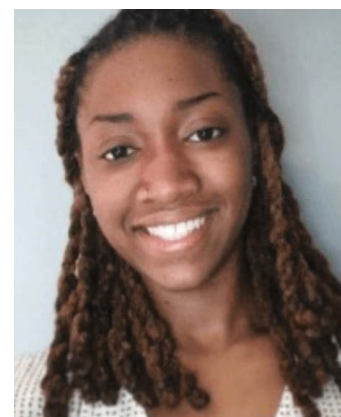
Christopher Bratcher

A resident of Virginia attends Howard University as a Chemistry major and Biology minor



Monique Kirkwood

A resident of California from Charles R. Drew University of Medicine and Science with a Post-baccalaureate in Pre-Medicine



Amari Manigault

A resident of South Carolina, attends George Washington University as a Neuroscience major and Chemistry minor



RHO CHI HONOR SOCIETY CELEBRATED THE COMMENCEMENT CEREMONY OF NEW INDUCTEES TO THE SOCIETY

The new 2022 Rho Chi, students include P2 Essence Da-lashed Bell, Amira Said Hossin, Kelechi Onugu Kalu, Brittney Skylor, Miller T'yanna, Lynn Montague, Nneka Denise Oputa, Oluwanifemi Bolatito Owoseni, and Saba Saeidi-Rizi.

The Rho Chi honor society recognizes the top 20% of each class. They were honored to initiate a total of 29 exceptional members from the Class of 2022, Class of 2023, and Class of 2024 in person for the first time in 2 years.

During the Banquet and initiation ceremony, Dr. Mohammad Habib, Dr. Imbi Drame, and Dr. Emmanuel Akala offered encouraging words to students about their achievement. The keynote speaker was Dr. Kazeem Idowu, Howard alum class of 2008. Medical Affairs Lead, Lung Cancer at AstraZeneca, also delivered a motivational speech for students and their families.

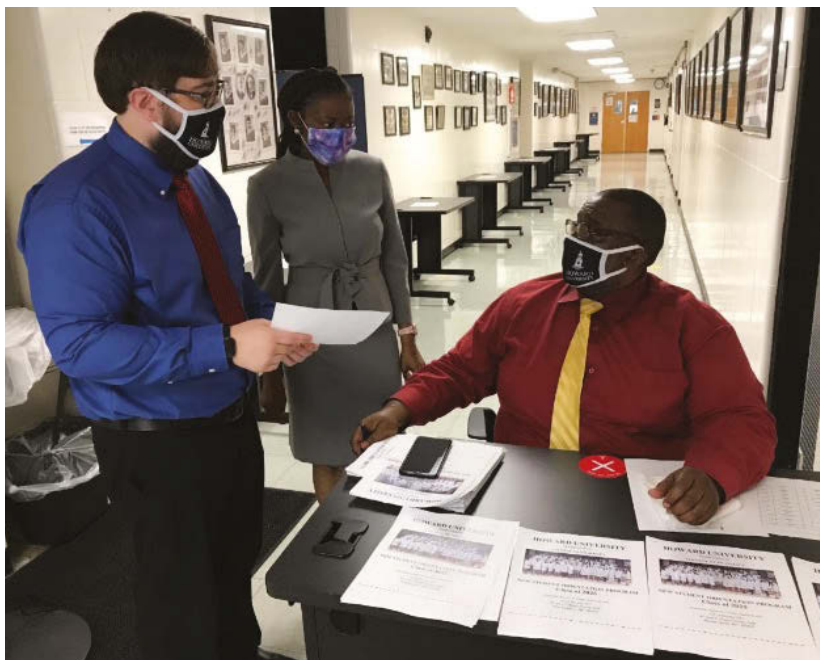


HUCOP WELCOMED NEW STUDENTS CLASS OF 2025!

Howard University College of Pharmacy faculty and staff welcomed new Class of 2025 students to the university.



Oluwaranti Akiyode, Pharm.D., BCPS, CDCES
Assistant Dean, Professor, and Director
Professionalism and Professional Development
Office of Student Affairs



Dr. Akiyode (pictured right), in the Office of Student Affairs, prepares to receive the Class of 2025 before her welcome presentation! Joshua Zellar, and Marlon Prince (left to right) welcomed new students during check-in for orientation.



THE WHITE COAT CEREMONY WAS A TREMENDOUS SUCCESS

HUCOP HOSTED PREVIEW DAY AND COOKOUT FOR INAUGURAL PREVIEW DAY FOR BOWIE STATE UNIVERSITY, GEORGE WASHINGTON UNIVERSITY, AND HOWARD UNIVERSITY TO HUCOP STUDENTS ON THE LAWN OF THE LSHSL



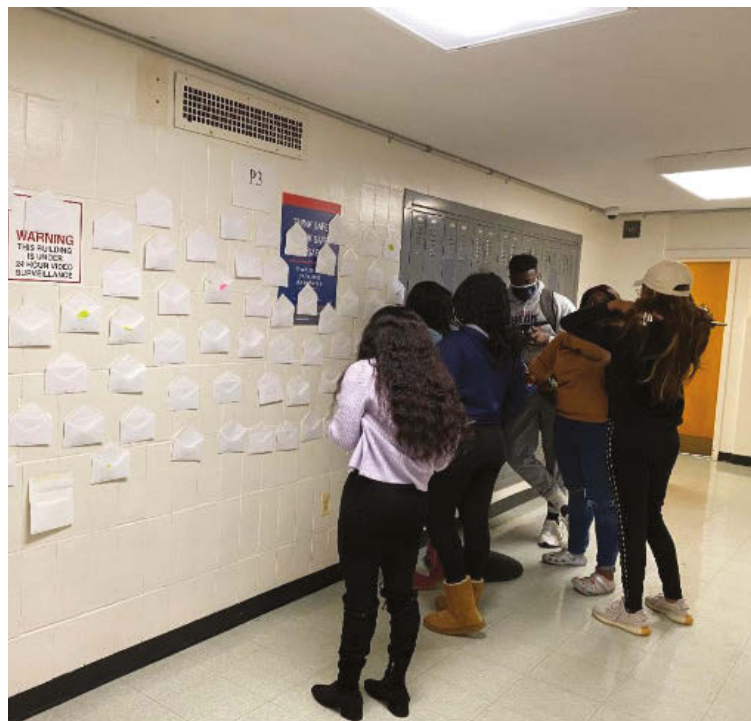
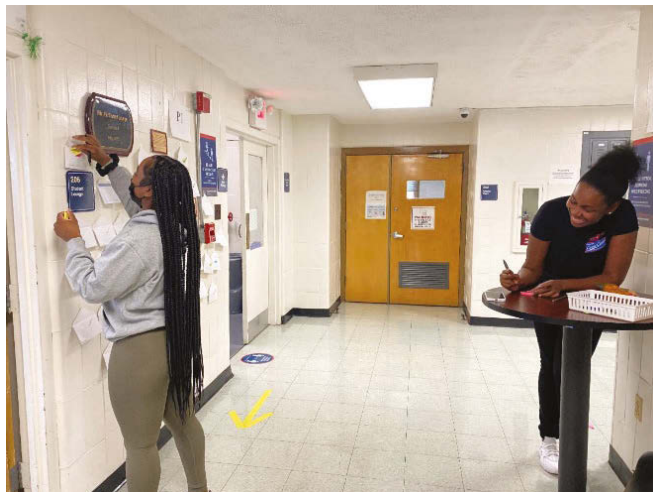
HUCOP and Student Affairs, Office, Joshua Zeller, Marlon Prince, and Dr. Akiyode during Inaugural Preview Day. They welcomed students from Bowie State University, George Washington University, and Howard University to HUCOP and presented to our visitors in the Dean's Conference Room. Dean Tofade, Dr. Akiyode, CPSC President Benedicta Agbodza, P1 Class President Tejona Johnson-Moore, and Dr. Jorden were on hand to present to our guests. They joined Dr. Unonu's class before they went on a tour with current pharmacy students. For their last experience, they joined our students at the Welcome Back Cook-out.

HUCOP HOSTED A WELCOME BACK COOK-OUT ON THE GROUND LOUIS STOKES HEALTH SCIENCES LIBRARY FOR HUCOP PHARMILY AND GUESTS



STUDENTS SHOW EACH OTHER GRATITUDE

Students took some time and used note cards to write words of encouragement, inspiration, support, motivational, words of praise, or any positive things to fellow classmates and friends and placed in envelopes. The following Friday, students collected their envelopes from the same wall!



HUCOP CELEBRATES HBCU WEEK WITH HEALTH SCREENINGS THE COMMUNITY



Pictured above: Bryanna Haynes P3



Pictured above right: Hollye Weekes, 3rd Year PharmD Candidate, and Joy Elaine Daley, International Regional Director, Kappa Alpha Sorority, Incorporated®. Pictured below, left to right: Hollye Weekes, P3, Dean Tofade, Dr. Miranda Cobbs, Walgreens Pharmacist!

CONGRATULATIONS HOWARD UNIVERSITY COLLEGE OF PHARMACY ON RECEIVING THE 2021 SCRIPT YOUR FUTURE MEDICATION ADHERENCE TEAM CHALLENGE AWARD UNDER-REPRESENTED COMMUNITY OUTREACH AWARD





Pictured above (l-r) Dr. Bisrat Hailemeskel, HUCOP Students, and Dr. Youness Karodeh

HUCOP HOST HUCOP ALUMNI RECEPTION WHERE STUDENTS PRESENTED POSTERS AT THIS YEAR'S APHA CONFERENCE IN SAN ANTONIO, TEXAS

Howard University College of Pharmacy hosted a reception at the APHA conference in San Antonio, Texas.



Pictured above, Dr. Karodeh gives a presentation to the participants at the reception.





Pictured far left (l-r)
Dr. Medrano and student
Dennis Means are in
conversation

Pictured left (l-r) right
members, of the Citywide
Coalition were on hand
Dr. Carolyn Price, Dr.
Carlisha Gentles



Picture far left:
Dr. Hailemeskel and
reps from CVS

Pictured left (l-r)
Drs. Johnnie Early, Earl
Ettienne, and Youness
Karodeh pose for a photo

Thank you to the many HUCOP faculty, staff, students, alumni, and friends who were on hand to make this event a success!

DISTRICT COLUMBIA HEALTH DEPARTMENT HOST THE 1ST INTER-PROFESSIONAL MEETING WITH HOWARD UNIVERSITY COLLEGE OF PHARMACY



Members of the DC Health hosted the first Inter-professional Collaboration Board chair meeting with members of the DC Health Department in the District of Columbia and Howard University College of Pharmacy. This collaboration was to openly share thoughts about how we can all move forward together and work collaboratively on improving public health in the District of Columbia.

“Thank you to everyone for attending the first Inter-professional Collaboration Board chair meeting this past December. Thank you for openly sharing your thoughts about how we can all move forward together and work collaboratively on improving public health in the District of Columbia.”

PARTNERING ACROSS CAMPUS

Faculty members pictured l-r:
Dr. McKoy-Beach and Dr. Jorden
assists with the administering of
booster vaccine for HU students



FACULTY ACCOMPLISHMENTS

DR. AKIYODE IS RECOGNIZED AS PART OF THE ACADEMIC LEADERSHIP FELLOWS PROGRAM



Pictured left: Dr. Akiyode accepts her graduation certification at 2021 ALFP graduation ceremony. (Photos below l-r) Dr. Akiyode is recognized as part of the Academic Leadership Fellows Program. (Photo r) Dr. Akiyode and Fellow recipients accept their certificates during the graduation ceremony.

DR. JAMILA JORDEN WAS ELECTED CHAIR-ELECT FOR THE AACP EXPERIENTIAL EDUCATION SECTION

The experiential education section is one of the largest in AACP and a strong influencer in the academy.



Jamila J. Jorden, PharmD, MBA
Assistant Professor
Director of Experiential Program
Career and Professional Development Coordinator

“I applaud Dr. Jorden’s courage in submitting her application for this prestigious office in AACP and for simultaneously putting Howard on the national map again in this field. Her term will begin in July for a 3-year commitment as chair elect, chair, then immediate past chair.”

Dean Toyin Tofade

DR. HAILEMESKEL BECOMES BOARD-CERTIFIED



Dr. Bisrat Hailemeskel becomes a Board-Certified Healthcare Professional and earned The Office of Faculty Development Certificate.

Bisrat Hailemeskel, B.Pharm., MSc., Pharm.D., RPh., ABAHP
Professor of Clinical Pharmacy
Vice-Chair Department of Clinical and Administrative Pharmacy Sciences



The Office of Faculty Development Certificate: Dr. Hailemeskel (pictured above l-r) with Dr. Anthony Wutoh and other participants of this program. The Office of Faculty Development was established in 2015 to enhance and advance the development of programs for faculty throughout the University and to encourage faculty engagement and interdisciplinary collaborations. The Office of Faculty Development serves as the hub for faculty development programs, initiatives, and activities for the 14 Schools and Colleges of the University. Programs and activities sponsored by the Office support new faculty, junior faculty, mid-career faculty, and senior faculty in career development, research, scholarship, publishing, leadership development, and professional satisfaction.

PROFESSOR AKALA'S LABORATORY IS AWARDED A PHARMACEUTICAL RESEARCH AND MANUFACTURERS OF AMERICA FOUNDATION (PHRMA FOUNDATION) 2022 PREDOCTORAL FELLOWSHIP

Professor Akala's Laboratory was awarded the prestigious Pharmaceutical Research and Manufacturers of America Foundation (PhRMA Foundation) 2022 Predoctoral Fellowship in Drug Delivery for a project titled "Development of Novel Stealth Pertuzumab and Neratinib Loaded Nanoparticles for HER2-Positive Breast Cancer Treatment" (\$50,000 for two years). Emmanuel O. Akala, R.Ph., Ph.D., is directing the Ph.D. thesis/dissertation for Mr. Victor Ejigah, Ph.D., student.



Emmanuel O. Akala, R.Ph., Ph.D., DIM.

Chair, Professor of Pharmaceutics
Howard University Institutional Animal Care and Use Committee (IACUC); Director, Laboratory for Nanomedicine, Drug Delivery, and Pharmaceutical & Biopharmaceutical Drug Products Design and Development, Director, Center for Drug Research and Development (CDRD)



Victor Ejigah, B. Pharm., MSc.
Professor of Pharmaceutics



DR. TAMARA MCCANTS, BECOMES PRESIDENT-ELECT OF THE NATIONAL PHARMACEUTICAL ASSOCIATION (NPhA) AND THE RECIPIENT OF THE 2022 WENDELL T. HILL AWARD



Dr. McCants was elected President and the recipient of the 2022 NPhA Wendell T. Hill Award. This award was established to honor the longtime former Dean of Howard University's College of Pharmacy, and President of the National Pharmaceutical Association. The Wendell T. Hill Award recognizes the outstanding Zone Director of the year who has made significant contributions to NPhA in this role, including increasing NPhA membership within their Zone by at least 10 percent over the preceding year. NPhA's 2022 Officer Election concluded on Friday, May 13th. Congratulations to the following individuals who have been elected to serve in key leadership roles for the Association: The installation of NPhA Board members transitioning into new leadership roles will take place during the upcoming NPhA | SNPhA Convention in Atlanta, GA.

"I am truly humbled to be elected in this position. 75 years ago, NPhA was founded on the campus of Howard University. This is just part of all our legacy. Your support and well wishes are truly appreciated."

Dr. Tamara McCants

HUCOP PARTNERS WITH IMMUNIZATION CLINICS FOR WASHINGTON SENIORS WELLNESS CENTER



Tamara A. McCants, PharmD
Clinical Assistant Professor
Health Sciences and Management
Residency Program Director Walgreens/
Howard University Community Pharmacy
Residency Program, Clinical &
Administrative Pharmacy Sciences



Jacquese Unonu, PharmD, AAHIVP
Clinical Assistant Professor
Career and Professional Development
Coordinator
Department of Clinical and Administrative
Pharmacy Sciences

"On behalf of the Washington Seniors Wellness Center, We like to take this opportunity to thank Howard University College of Pharmacy for doing a phenomenal job in coordinating the Immunization Clinics for the Washington Seniors Wellness Center it was simply amazing and of course top-notch. We had two successful immunization clinics. Howard University students and staff always come with such professionalism, grace, and an attitude of commitment and service to its community partners. We love and adore the Howard University Students and Staff. You come to our center with nothing but the best care and we appreciate the time and the service you put into keeping how seniors healthy and safe from Covid, Shingles, Flu, Pneumonia. Seniors really took pride in participating. We look forward to perhaps partnering with the students to just come in every three months to do Blood Pressure Screening, Medication Counseling. That would be a great help and a big boost of education to our senior population. We look forward to having the Immunization Clinics in the fourth coming year with Howard University College of Pharmacy."

Shymee R. Davis, Nutritionist, Washington Seniors Wellness Center

DR. BASKARAN RECEIVED THE AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY (AACP) NEW INVESTIGATOR AWARD



Dr. Padma Baskaran on receiving the AACP award. Dr. Baskaran joined the HUCOP pharmaceutical sciences department in 2021. She is teaching Structures and Functions in Therapeutics and Pharmacological Therapeutics courses. Dr. Baskaran moved down from Wyoming. She is excited to join the team, and I look forward to all the great things she will do here at Howard as she has already begun. Dr. Padmamalini Baskaran completed a Bachelor of Pharmacy from Madras Medical College and Master of Pharmacy (Quality Assurance) from S. N. D. T. Women's University in India. After a brief stint of teaching Pharmacy courses at the University of Pune, she obtained an Austrian Academic Exchange Scholarship to perform Ph. D. research study in Molecular Pharmacology.

Dr. Padmamalini Baskaran, M. Pharm., Ph.D.
Assistant Professor of Pharmacology

PRADEEP K. KARLA COMPLETES LEADERSHIP PROGRAM AT STANFORD UNIVERSITY GRADUATE SCHOOL OF BUSINESS



Dr. Pradeep Karla recently completed a one-year leadership training program at Stanford University, Graduate School of Business. As a part of his training, Dr. Karla successfully completed 8 courses, obtained excellent evaluations in the final exams from the faculty members, and obtained the Stanford LEAD certificate degree in leadership.

Pradeep K. Karla, PhD
LEAD, Associate Professor

RESEARCH, PUBLICATIONS AND FUNDED GRANTS

SYMPOSIUM ON IMPACTFUL EDUCATION AND SUSTAINABLE DEVELOPMENT GOALS

This remote symposium was held on 6th and 7th April 2022. Presenters from HU were paired with colleagues from JSS Academy of Higher Education and Research (JSSAHER), based in Mysuru, India to celebrate the 10th anniversary of the collaboration between our organizations. Over this period, students have been exchanged between Washington, DC and Mysuru or Ooty in India for the purpose of advanced pharmacy practice experiences.

The symposium was opened by HU's Provost Anthony Wutoh. Highlights of the student exchanges were provided by Dr. Suresh, Pro Chancellor of JSSAHER and HU's Dr. Krishna Kumar. Keynote addresses were presented by Dr. Bhaskar Balakrishnan, former ambassador of India and Mr. Duncan Ross, Chief Data Officer of the Times Higher Education. Other HUCOP presentations were made by Drs. Indiran Pather and Simon Wang (Graduate Education to Enhance National Competitiveness in the 21st Century); Dr. Ebony Evans (Pharmacist's Role in Disease Prevention and Health Maintenance); and Dean Toyin Tofade (Howard-JSS AHER – The Way Forward). As one of the main organizers, Dean Tofade also provided a wrap up and concluding remarks on each of the two days of the symposium.



Pictured above: As a follow up to our 2-day symposium, Dr. Pramod Kumar from JSS AHER, Mysuru, India visited HUCOP. The Pharmaceutical Sciences faculty in the photo made short presentations on their research while Dr. Padma Baskaran presented remotely. Dr. Pramod Kumar gave an overview of the research undertaken at their two campuses in Mysuru and Ooty. These schools of pharmacy are rated, respectively, 7th and 4th out of more than 1400 schools in India.

HUCOP AND FACULTY PARTNER ON RESEARCH WITH UNC



**Dhakrit (Jesse)
Rungkitwattanukul, Pharm.D.
BCPS
Clinical Assistant Professor**



**Pradeep K. Karla, PhD
Associate Professor**

HUCOP faculty presented at the UNC during Howard research symposium virtually.

**“Thank you, presenters –
Dr. Ebony Evans, Dr. Grace Jennings,
Dr. Krishna Kumar, Dr. Tamara
McCants, Dr. Indiran Pather, Dr. Simon
Wang, and Dr. Michael Crawford”.**

Dean Toyin Tofade

FACULTY PUBLICATION, RESEARCH, GRANTS AND PRESENTATIONS

1. Abebe M, Akinlabi AA, Mackey CD, Miller RR, Musenge P, Russell D, and Hailemeskel B. (2021) Content Comparison of Organic and Conventional Celery. *Educ Res Appl* 5: 180. DOI: 10.29011/2575-7032.100180. Obtained from: <https://www.gavinpublishers.com/articles/review-article/Educational-Research-Applications/content-comparison-of-organic-and-conventional-celery>. Accessed on 6/3/2021.
2. Aldhaefi 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.
3. Alem G, Awuonda M, Haastrop 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.
4. Bin Wu , Yun Chen , Robert Clarke , Emmanuel Akala , Peixin Yang , Bin He , Haijun Gao
5. AMPK Signaling Regulates Mitophagy and Mitochondrial ATP Production in Human Trophoblast Cell Line BeWo
6. *Front. Biosci. (Landmark Ed)* 2022, 27(4), 118
7. Boateng MG, Nwabuku J, Jajua M, and Hailemeskel B. Glutathione use in multiple sclerosis and student's opinion. *International Journal of Science and Research Archive*, 2022, 06(01), 139-149. Available at: <https://ijsra.net/sites/default/files/IJSRA-2022-0110.pdf>. Access date 5/31/2022.
8. Boddus SHS,* Bhagav P, Karla PK,* Jacob S, Adatiya MD, Dhameliya TM, Ranch KM, Tiwari AK (*Corresponding). Polyamide/Poly(Amino Acid) Polymers for Drug Delivery. *J Funct Biomater*. 12 (4):58 (2021): <https://pubmed.ncbi.nlm.nih.gov/34698184/>
9. Brown NR, Wingate LT. The Influence of Memorable Message Receipt on Dietary and Exercise Behavior among Self-Identified Black Women. *Health Commun*. 2021 Aug 17;1-10. doi: 10.1080/10410236.2021.1962587. Epub ahead of print. PMID: 34402348.
10. Chaijamorn W, Charoensareerat T, Rungkitwattanukul D, et al. Levetiracetam dosing in patients receiving continuous renal replacement therapy. *Epilepsia*. 2021;62(9):2151-2158. doi:10.1111/epi.16971
11. Dipiro JT, Carmichael JM, Johnson VB, Daftary MN, Martinez L, Wiest MD, Pater B, Woller T, Devender AV, Shane R, Cunningham F. ASHP Foundation Pharmacy Forecast 2022: Strategic Planning Guidance for Pharmacy Departments in Hospitals and Health Systems. *American Journal of Health-System Pharmacy*, 2021; xzab355, <https://doi.org/10.1093/ajhp/zxab355>
12. Drame I. Diverse Cultures and Beliefs: Cross-Cultural Communication. In: *Cultural Aspects of Healthcare: A Toolkit for Pharmacy Education*. Washington, DC: American Pharmacists Association; 5 October 2021. <https://doi-org.proxyhu.wrlc.org/10.21019/culturaltoolkit-diverse-cross-cultural-communication>
13. Drame I, Wingate L, Unonu J, Turner M, et al. The Association between Student's Emotional Intelligence, Cultural Competency, and Cultural Awareness Currents in Pharmacy Teaching and Learning. 2021 September;13(9): doi: <https://doi.org/10.1016/j.cptl.2021.06.030>
14. Drame I, Gibson CM, Nonyel NP, Addo-Atuah J, Butler L, Riley A, Kebodeaux C, Henson B, Borja-Hart N. Strategies for Incorporating Health Disparities and Cultural Competency Training into the Pharmacy Curriculum and Co-curriculum. *Am J Pharm Educ* 2022 March;86(3):8631. doi: 10.5688/ajpe8631
15. Henson BN and Drame I. Introduction to a Programmatic Approach to Health Disparities and Cultural Competency Training in Pharmacy Education. *Am J Pharm Educ*. ePublish 2021 September;85(9):
16. Ejigah V, Mandala B, Akala EO. 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, 1-32
17. Hailemeskel B, Fullas F. Dietary supplements: A survey of the opinion of first-year professional pharmacy students. *Diabetes Res Open J*. 2022; 8(1): 18-22. doi:10.17140/DROJ-8-155. Accessed from: <https://openventio.org/wp-content/uploads/Dietary-Supplements-A-Survey-of-the-Opinion-of-First-Year-Professional-Pharmacy-Students-DROJ-8-155.pdf>. 3/25/2022.
18. Hailemeskel B, Mohamed B, Mbami I. Lycopene for hypertension and factors affecting its use: A survey of pharmacy students. *Diabetes Res Open J*. 2022; 8(1): 6-10. doi: 10.17140/DROJ-8-153. Obtained from: <https://openventio.org/wp-content/uploads/Lycopene-for-Hypertension-and-Factors-Affecting-Its-Use-A-Survey-of-Pharmacy-Students-DROJ-8-153.pdf>. Accessed date: 3/5/2022.
19. Hailemeskel B, Terefe T, Sun K. First year student pharmacists' views on the opioid epidemic. *Diabetes Res Open J*. 2022; 8(1): 1-5. doi: 10.17140/DROJ-8-152. Obtained from: <https://openventio.org/wp-content/uploads/First-Year-Student-Pharmacists-Views-on-the-Opioid-Epidemic-DROJ-8-152.pdf>. Access date: 1/27/2022.
20. Henson BN and Drame I. Introduction to a Programmatic Approach to Health Disparities and Cultural Competency Training in Pharmacy Education. *Am J Pharm Educ*. 2022 March;86(3):8658. doi: 10.5688/ajpe8658.
21. 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.
22. Karodeh YR, Wingate L, Drame I, Talbert PY, Dike A, Sin S. Predictors of Academic Success in a Non-Traditional Doctor of Pharmacy Degree Program at a Historically Black College and University. *Am J Pharm Educ*. 2021 Oct 29;8600. doi: 10.5688/ajpe8600. Epub ahead of print. PMID: 34716132.
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24. Nwabuku J, Boateng MG, Jajua M, and Hailemeskel B. Pharmacy students' knowledge in the use of glutathione for multiple sclerosis. *International Journal of Science and Research Archive*, 2022, 06(01), 159-166. Available at: <https://ijsra.net/sites/default/files/IJSRA-2022-0109.pdf>. Access date 5/31/2022.
25. Oji V, Dillon K, Weaver SB. Multi-Inquiry Hybrid E-Learning: Instructor-Learner Experiences. *Pharmacy Education*. 2022;22(1):54-62
26. Ofogebu A. & Ettienne, E. (2021). Pharmacogenomics and morphine. *The Journal of Clinical Pharmacology*, 61(9), 1149-1155.
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30. Rungkitwattanukul 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*. 2022;34(2):103-109. doi:10.1080/1120009X.2021.1965334
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33. Rose, K. Grant-Kels J. M., Ettienne E., Tanjinatus O, Striano P, & Neubauer D. Comment on: A review of the experience with pediatric written requests issued for oncology drug products. *Pediatric blood & cancer*, e28972.
34. Rose K, Tanjinatus O, Grant-Kels J, Ettienne E, & Striano P. (2021). Delayed Presentation of Non-COVID-19 Patients During the COVID-19 Pandemic Is Not Limited to Children. *Rambam Maimonides Medical Journal*, 12(3).

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36. Wint R, Cornish M, Marshall MD, Hailemeskel B (2021) The Role of Pharmacist-led Medicinal Cannabinoid Dispensaries: Student Pharmacists Opinion. Ad Nurs Sci Resear: ANSR-111. Obtained from: <http://www.scientizepublishers.com/wp-content/uploads/2021/07/the-role-of-pharmacist-led-medicinal-cannabinoids-dispensaries.pdf>. Accessed date 7/30/2021.
37. Weaver, S, Howard University College of Pharmacy, Washington DC, United States Multi-inquiry hybrid e-learning: Instructor-learner experiences. Authors: Valerie OjiNew York Institute of Technology College of Osteopathic Medicine, Jonesboro, Arkansas, United States; Katherine Dillon Harding University, Searcy, Arkansas, United States; <https://orcid.org/0000-0003-0935-7957>
38. Weaver SB, Daftary M, Wingate LT, Turner M. Evaluation of faculty inter-variability OSCE grade scoring on overall student performance in a laboratory course. Pharmacy Education. 2022;22(1):48-53
39. Wu B, Chen Y, Clarke R, Akala E, Yang P, He B, Gao, H. AMPK Signaling Regulates Mitophagy and Mitochondrial ATP Production in Human Trophoblast Cell Line BeWo Front. Biosci. (Landmark Ed) 2022, 27(4), 118; <https://doi.org/10.31083/j.fb12704118>
40. Qin T, Zhu Z-H, Wang XS, Xia J*, Wu S*. Computational representations of protein-ligand interfaces for structure-based virtual screening. Expert Opinion on Drug Discovery 2021; doi:10.1080/17460441.2021.1929921
16. Franklin, C. Review of Pharmacotherapy for Smoking Cessation. A continuing education (CE) presentation for the Action on Smoking and Health Monthly Webinar. April 2022
17. Franklin, C. "Strategies To Improve Naloxone Access and Use Using a Pharmacist" A presentation to health professionals. Howard University College of Pharmacy 2nd Opioid Symposium. September 2021, Virtual Programming.
18. Franklin, C. "Opioid Overdose Prevention and Naloxone Distribution Training" A presentation to health professionals. Howard University College of Pharmacy 2nd Opioid Symposium, September 2021, Virtual Programming.
19. Franklin, C. "Strategies To Improve Naloxone Access and Use" A presentation to pharmacists. National Pharmaceutical Association Annual Meeting, July 202, Virtual Programming.
20. Fusco N, Zeeman J, Miller M. Arif S, Drame I. "Are We Ready for Kids? Training and Assessing Students to Provide Culturally Responsive Pediatric Care." Special Session. American Association of Colleges of Pharmacy. Annual Meeting, July 2021.
21. Habib M, Daftary M, Jorden J, Pather I, Perrier A, Lajthia E, Rungkitwattanukul J, Tofade T.A College of Pharmacy's Efforts to Deliver the Curriculum During the COVID-19 Pandemic. Poster presentation at AACP Annual Meeting, Virtual Pharmacy Education, July 2021.
22. 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.
23. Hailemeskel, B Montague, T; and Townsend, T. Survey of Factors that Affected Pharmacy Students' Academic Performance during a Virtual Learning. Poster presented at APhA March 2022 Annual meeting...
24. Johnson M and Drame I. Amtrak Wellness Training- Immunization Awareness. Amtrak Employees. August 2021.
25. Kahaleh AA, Connor S, Drame I, Bhuiyan J, Seed SS. "Closing the Equity Gap: Innovative Global Public Health Strategies for Reducing Disparities." Special Session. American Association of Colleges of Pharmacy. Annual Meeting. July 2021.
26. Karla PK. Efflux Modulated Drug Delivery. JSS-Howard University Meeting. HSL Library; May 23, 2022.
27. Karla PK. NAPLEX Task Force – Presentation to HU-COP Faculty. Howard University, College of Pharmacy; May 18, 2022.
28. Karla PK. SERENTRIX® - TRPV1 Receptor Antagonist SER114. Pitch HU 1.0 Fall Celebration & Public Demo Day; Feb 18, 2022.
29. Karla PK. Center for Drug Efflux Transporters and Drug Metabolism (Radio-Active Drug Screening and Cell Culture Resources). Annual Radiation Safety Refresher Workshop-Howard University Hospital; March 16, 2022
30. Karla PK. Drug Transporters and Educational Research (New Targets for Ocular and HIV Drug Delivery and Interactive E-Learning Platform with Tablet Touch Interface for Improved Student Performance). UNC Eshelman School of Pharmacy & Howard University College of Pharmacy Mini-Symposium; Nov 18, 2021.
31. Karla PK. Story Vine video presentation for Serentrix-HU Pitch. Pitch HU 2021; Nov 5, 2022 (Storyvine Video Link: https://storyvine-assets.s3.amazonaws.com/uploads/package/rendered/video/27690/2021_11_03_76deb6f8-89c5-4e62-982b-6c1094589835.mp4?AW_SAccessKeyId=AKIAILWAUL4J24VJZW5A&Expires=1951470437&Signature=Odi0s9V13TOzY3gwyXS8wSfml4%3D&response-content-disposition=inline%3B%20filename%3D%22SV-Video-27690-2021_10_14.mp4%22)

Poster and Podium Presentations

1. Adadey C, McCants T, Franklin C, Droppelman T, Bow A. Pharmacy Personnel Perceptions of the Applicability of the American College of Clinical Pharmacy (ACCP) "Template for Evaluating a Clinical Pharmacist" in the Community Pharmacy Setting. A poster presentation to pharmacists. American Pharmacists Association Annual Meeting March 2022, San Antonio, TX.
2. Adadey C, McCants T, Franklin C, Droppelman T, Bow A. Pharmacy Personnel Perceptions of the Applicability of the American College of Clinical Pharmacy (ACCP) "Template for Evaluating a Clinical Pharmacist" in the Community Pharmacy Setting. A poster presentation to pharmacists. American Society of Health-System Pharmacists Midyear Clinical Meeting December 2021, Virtual
3. Adadey CS, McCants T, Droppelman W, Wingate L, Franklin CJ. "Pharmacy Personnel Perceptions of the Applicability of the American College of Clinical Pharmacy (ACCP) "Template for Evaluating a Clinical Pharmacist" in the Community Pharmacy Setting". American Pharmacists Association Annual Meeting. March 18-21, 2022, San Antonio, TX (Poster presentation)
4. Emmanuel O. Akala. Nanotechnology Platform for the Treatment of HER2-Positive Breast Cancer.
5. Emmanuel O. Akala. Nanotechnology Platforms for Breast Cancer and HIV/AIDS Treatment & Intelligent Hydrogels for Biomedical Applications.
6. November 18th 2021 Eshelman School of Pharmacy & Howard College of Pharmacy mini-symposium
7. Howard University Research Symposium (April 27-29, 2022). Podium Presentation: Page 83 of Book of Abstracts
8. Ayuk Noumedem P., Daramy F. Addressing Mental Health Issues and Concerns with Covid-19 Vaccines. East African fellowship Virtual Seminar. July 2021.
9. Davis C, Green D, Christensen D, Blount LG, Peters T, Weaver SB, Nixon D, Debaun M. Sickle Cell Disease Webinar, Speaker and Panelist. Coast to Coast Women's Health Initiative. National Coalition of 100 Black Women with California and Maryland Chapters. December 4, 2021.
10. Drame I and Scott G, Amtrak Minority Health Panel. Amtrak Employees. April 2022
11. Drame I, "HCV Treatment and Linkage to Care Models for OUD Patients" Howard University OUD Project ECHO. March 2022.
12. Drame I, "Enhancing Cultural Awareness and Safety in Pharmacy Practice: "The Heart Work" American Society of Health Systems Pharmacists DEI Webinar Series. February 2022.
13. Ferreira Da Silva M, Wingate LT, Lam KS, Diaz-Luna J. "Impact of Empagliflozin on Heart Failure and Cardiovascular Hospitalization Rates for a Medicaid Managed Care Plan in Washington, District of Columbia." ASHP Midyear. December 5-9. Virtual Meeting.
14. Franklin C, Stuart J, Lyons J, Alim T, Layemo M, Wingate L. (2022) Assessment of Naloxone Use in Individuals With Opioid Use Disorder. CPNP 2022 Annual Meeting Poster Abstracts. Mental Health Clinician. 12(2):128.
15. Franklin C, Stuart J, Lyons J, Wingate L, Alim T, Layemo M. "Assessment of Naloxone Use in Individuals with Opioid Use Disorder" A poster presentation to pharmacists. Clinical Psychiatric and Neurologic Pharmacists Annual Meeting April 2022, San Antonio, TX.
32. Lewis D, Wingate L, Lam KS, Luna JD. "Utilization of Biosimilars and the Corresponding Impact on Outcomes and Cost Savings at CareFirst Community Health Plan among Medicaid Enrollees in the District of Columbia." ASHP Midyear. December 5-9. Virtual Meeting.
33. Lyons J, Awuonda M, Daftary M. Pre- and Post-Pandemic Telehealth Utilization Among a Largely Medically Underserved Ambulatory Care Population in Washington D.C., Poster presentation at APhA2022 Annual Meeting and Exposition, March 18-21, 2022.
34. Lyons J, Mahmood A, Daftary M, Mahgoub S. Managing Treatment Failure of Acyclovir-Resistant Herpes. Poster presentation American Society of Health Systems Pharmacists Meeting ASHP Midyear Clinical Meeting and Exhibition (Virtual), December 2021.
35. Lyons J, Alem G, Awuonda MK, Daftary M, Wingate LM, Etienne E. Attitudes towards the New Pregnancy and Lactation Labeling Rule and the Lettered Risk Category System. Poster presentation at AACP Annual Meeting, Virtual Pharmacy Education, July 2021.
36. Mayaka R, Awuonda M, Daftary M, Wingate M, Etienne E, Unonu J, Pitia M, Fana K, Adiele C. An Evaluation of the Post-Pandemic Acceptability of Pharmacist-delivered Telehealth Services among HCV-HIV patients in Washington DC (Abstract Presentation 2022 APHA meeting – March 18th to 21st, San Antonio TX)
37. Heather A. Noriega, Xiang Simon Wang, Emmanuel O. Akala. Matters: Pegylated Monoclonal Antibodies Models Aided Using Predictive Protein Structural and Deep Learning Tool AlphaFold Howard University Research Symposium (April 27-29, 2022). Podium Presentation: Page 26 of Book of Abstracts
38. Owens T, Grant-Mills D, Robinson K, Edwards J, Banks F. Intersectionality of Pedagogy and Technology in Curriculum Changes and Implementation for Future Health Professionals (September 2021).

39. Pather I, Wang X, Patil V, Graduate Education to Enhance National Competitiveness in the 21st century. Presentation during HU-JSS AHER Virtual Symposium on Impactful Education. April 6-7, 2022.
40. Purnell, M., Unonu, J., Shahid, M., Hughes, J., Oluwaranti, A., Faculty Development Modeling: A Comparison of Three Minority Institutions. AACP Pharmacy Education Conference 2021. Virtual. May 2021.
41. Robinson, K. Presenter. Ten Tips to Becoming an Effective Clinical Preceptor. Washington Metropolitan Society of Health System Pharmacists Teaching Certificate Program (October 2021).
42. Rungkitwattanakul D. "Transforming Residents from Recent Students into Effective Preceptors and Instructors". Continuing pharmacy education. ASHP National Pharmacy Preceptor Conference (NPPC). Oct 2021
43. Rungkitwattanakul D. "Drug dosing in CRRT". Continuing pharmacy education. Washington Metropolitan Society of Health-System Pharmacists (WMSHP). Oct 2021
44. Rungkitwattanakul D. "Treatment of HIV related nephropathy". Continuing pharmacy education. Inova Juniper Program. Feb 2022
45. Rungkitwattanakul D. "Updates in renal function assessment in African American patients". Continuing pharmacy education. Howard University College of Pharmacy. Apr 2022
46. Rungkitwattanakul D. "CGRP Antagonists: Updates in Migraine Management". Continuing pharmacy education. Washington Metropolitan Society of Health-System Pharmacists (WMSHP). May 2022
47. Rungkitwattanakul D. "Renal function assessment in transgender patients". Continuing pharmacy education. Washington Metropolitan Society of Health-System Pharmacists (WMSHP). May 2022
48. Rungkitwattanakul D. "Drug dosing in continuous renal replacement therapy". Continuing pharmacy education. Howard University College of Pharmacy. Jun 2022
49. Rungkitwattanakul D. "GFR estimates in African American patients". Continuing pharmacy education. MedStar Health. Jun 2022
50. Rungkitwattanakul D. "Updates in GFR estimation in African American patients". Inova Jupiter Program. Jun 2022
51. Rungkitwattanakul D, Yabusaki A, Hsiao J, Getaw K, Charoensareerat T, Chaijarnorn W. Optimal Cefepime Dosing Regimens in Obese Critically Ill Patients with AKI Receiving Continuous Renal Replacement Therapy. Poster presented at the Kidney Week: American Society of Nephrology Annual Conference, Nov 2021.
52. Shahid M, Gladwell T, Purnell M., Akiyode O., et al. "Faculty development modeling: A comparison of three minority serving institutions. American Association of Colleges of Pharmacy, July 2021.
53. Tobias A, Belhiti S, Sinclair D, Hossin A, Lane C, Wingate LT. "A Systematic Review on Factors of Antimicrobial Resistance in Sub-Sahara Africa". Academy of Managed Care Pharmacy Annual Meeting. March 29 -April 1 2022, Chicago, IL (Poster presentation)
54. Umoren E, Weaver S, Belhiti S, Wingate LT, Haynes B, Ayele E. Retrospective Evaluation of Receiving and Prescribing of Naloxone and Number of Morphine Milligram Equivalents in Patients with Sickle Cell Disease at an Ambulatory Care Clinic." ASHP Midyear. December 5-9. Virtual Meeting.
55. Zhang C, Sajith AM, Xu X, Jiang J, Bowen JP, Kulkarni A, Hao J. Targeting NLRP3 signaling by a novel-designed sulfonylurea compound for inhibition of microglial inflammation. *Bioorganic & Medicinal Chemistry*. 58: 116645
56. Wang XS. Institute of Materia Medica, Chinese Academy of Medical Science (CAMS) and Peking Union Medical College (PUMC), Webinar (May 2022) "AI/ML in drug discovery – basics"
57. Wang XS. HU-JSS HER Symposium (April 2022) "Graduate education to enhance national competitiveness in the 21st century"
58. Wang XS. SunyPharma Webinar (Nov. 2021) "AI-assisted organic synthesis"
59. Wang XS. Createrna Science & Technology, Webinar (Sep. 2021) "Every crystal structure counts - Combining twenty-four farnesoid X receptor crystal structures for discovery of novel hFXR agonists using ensemble machine learning"
60. Williams S., Wang XS. MUBD-SARS-CoV-2: The development of benchmarking data sets for drug screening approaches targeted against COVID-19. Howard University Research Week 2022. Washington, DC (Apr. 2022)
61. McGarvey P, McKinney C, Stanley S, Libin A, Wang X, Gao GD, Agarwal R, Shara N, Burge L. The AIM-AHEAD Data Science Training Core. AMIA 2022 Annual Symposium. Washington, DC (Nov. 2022)
62. Pierre-Paul S, Rung J, Wang XS. Creating a Machine Learning tool to predict Acute Kidney Injury (AKI) in African American hospitalized patients. Eastern States 41st Annual Conference for Pharmacy Residents and Preceptors. World Wide Web (May 2022)
63. Hayes JM, Wang XS. Combination of physics-based simulation and machine learning to assess the effect of SARS-CoV-2 mutations on Remdesivir. Howard University Research Week 2022. Washington, DC (Apr. 2022)
64. Mildort B, Wang S, Tofade T, Pather I. Democratizing Artificial Intelligence: Empowering college curriculums and the next generation workforce with deep learning technologies. Howard University Research Week 2022. Washington, DC (Apr. 2022)
65. Alqahtani A, Wang XS. The data mining of a breast cancer dataset using Random Forest and Convolutional Neural Network. Howard University Research Week 2022. Washington, DC (Apr. 2022)
66. Noriega HA, Wang XS, Akala EO. Structure Matters: Pegylated monoclonal antibodies models aided using predictive protein structural and deep learning tool AlphaFold 2. Howard University Research Week 2022. Washington, DC (Apr. 2022)
67. Alzaid N, Wang XS. AlphaFold 2 based structural analysis of protein-protein interaction interface for anticancer drug development. Howard University Research Week 2022. Washington, DC (Apr. 2022)
68. Paudel S, Wang XS. Pose filter-based machine learning tools to enhance structure-based drug discovery for G protein-coupled receptors. The AACP 2021 Annual Meeting, World Wide Web (July 2021)

Service

1. Akiyode O. Member. AACP Leadership Development, Scholarship SIG
2. Akiyode O. Member. Joint HBCU/PBI PharmD Professional Development Conference Planning Committee
3. Akiyode O. Member. Howard University Program Innovation and Review Committee.
4. Akiyode O. Member. Clinical and Administrative Faculty Search Committee.
5. Akiyode O. Ex-Officio. HUCOP Professional Identity Formation and Cultivation Committee.
6. Akiyode O. Ex-Officio. HUCOP Academic Progression and Retention Committee.
7. Akiyode O. HUCOP Financial Aid and Awards Committee.
8. Akiyode O. HUCOP Admission and Recruitment Committee.
9. Akiyode O. HUCOP Student Grievance Committee.
10. Awuonda MK DC Health Information Exchange Subcommittee Co-Chair
11. Ayuk Noumedem ASCP District of Columbia Delegate
12. Ayuk Noumedem HUCOP Faculty Grievance Committee
13. Ayuk Noumedem HUCOP Financial Aid and Awards Committee
14. Ayuk Noumedem HUCOP Assessment Evaluation and Planning Committee
15. Ayuk Noumedem HUCOP Assessment, Promotion and Tenure Committee
16. Ayuk Noumedem NTDP Student Advisor
17. Baskaran P Scientific Peer Merit Review Committee AACP 2021 – 2022
18. Baskaran P NAPLEX Task Force Committee 2021-2022
19. Baskaran P NAPLEX AACP Biological Sciences Award Committee 2021 - 2022
20. Daftary MN. ASHP Pharmacy Forecast Advisory Committee, Member (2022)
20. Daftary MN. Journal of the American Pharmacists Association Editorial Advisory Board, Member (2022)
21. Daftary MN. ACCP Student Chapter Advisor
22. Daftary MN. The Black Apothecary Student Chapter Advisor
23. Drame I. Member. AACP Research and Graduate Affairs Committee
24. Drame I. Chair. HUCOP Financial Aid and Awards Committee
25. Evans, EI. Member, Professional Identity Formation and Cultivation Committee
26. Evans, EI. Member. Assessment Committee.
27. Evans, EI. Member. Naplex Readiness Taskforce.
28. Evans, EI. Faculty advisor. Phi Lambda Sigma
29. Evans, EI. Pharmacist's Role in Disease Prevention and Health Maintenance.
30. Evans, EI. Pharmacist's Role in Disease Prevention and Health Maintenance. Symposium on Impactful Education and Sustainable Development Goals, April 2022.
31. Franklin, C. Member- HUCOP Admissions Committee
32. Franklin, C. Member- HUCOP Professional Identity Formation and Cultivation Committee
33. Franklin, C. Advisor HUCOP- National Community Pharmacists Association (NCPA) chapter
34. Franklin C. Maryland Pharmacists Association, Chair- New Practitioner Network (2021-present)
35. Franklin C. AACP Minority Faculty SIG- Chair-Elect
36. Franklin C. APHA House of Delegates- Maryland State Delegate (2020- Present)
37. Franklin C. CPESN Washington DC Metro Area, Network Facilitator (2021-Present)
38. Franklin C. McCants T. Naloxone Overdose Education and Distribution Event (December 2021)
39. Franklin C. DC Opioid Solutions Workgroup (2021-2022)

40. Hailemeskel B. Member. College of Pharmacy Dean Search Committee
41. Jorden J. Chair-elect. AACP Experiential Education Committee
42. Robinson, K. Member, HUCOP Assessment Committee (2021-2022)
43. Robinson, K. Member, HUCOP Student Grievance Committee (2021-2022)
44. Robinson, K. Planning Committee Member. First Annual Health Equity Symposium: Improving Health Outcomes Through Collaborative Thinking and Action (September 2021)
45. Robinson, K. Member, AACP Minority Faculty SIG Taskforce
46. Robinson, K. Member, Professional Identity Formation
47. Robinson, K. Co-Chair, Howard University Interprofessional Education Committee, 2021-2022
48. Rungkitwattanukul D. President. Washington Metropolitan Society of Health-System Pharmacists (WMSHP)
49. Rungkitwattanukul D. Chair-elect. AACP Research and Scholarship Committee.
50. Rungkitwattanukul D. Member. The National Kidney Foundation Nutrition Advisory Board
51. Rungkitwattanukul D. Member. The National Kidney Foundation the Capitol Region Medical Advisory Board
52. Rungkitwattanukul D. Chair, Search Committee for HUCOP CAPs Infectious diseases, internal medicine, critical care positions
53. Rungkitwattanukul D. Chair, Residency Research Advisory Committee. Howard University Hospital PGY-1 residency program
54. Turner MR. AACP EDI Institute Planning Committee.
55. Turner MR. Chair. HUCOP Curriculum and Instructional Resources Committee.
56. Turner MR. Member. HUCOP Academic Progression and Retention Committee.
57. Turner MR. Member. HUCOP Financial Aid and Awards Committee.
58. Turner MR. HUCOP APhA-ASP Chapter Advisor.
59. Turner MR. Member. HUCOP Dean Search Committee.
60. Turner MR. Member. Howard University Health Sciences Simulation Steering Committee.
61. Unonu, J. Executive Board: Chair of Clinical Initiatives National Pharmaceutical Association
62. Unonu, J. APhA Remington Honor Medal Selection Committee
63. Unonu, J. APhA Remington Honor Medal Screening Committee
64. Unonu, J. HUCOP SNPhA Chapter Advisor
65. Unonu, J. Department of Aging and Community Living- Senior Companions Program Presentation Inservice
66. Unonu, J. Washington Seniors Wellness-Presentation Inservice- What You Need to Know About Your Medications
67. Unonu, J. Member. Nominations, Awards, Faculty Development and Amenities Committee
68. Unonu, J. Member, Admissions Committee
69. Weaver SB, President, Maryland Chapter, American Society of Consultant Pharmacists (ASCP)
70. Weaver SB, Board of Director, MD Chapter, ASCP
71. Weaver SB, Co-Chair, Community Outreach Committee, MD Chapter, ASCP
72. Weaver SB, Member, DEA Taskforce, ASCP
73. Weaver SB, Maryland State Delegate, ASCP
74. Weaver SB, Member, Quality Improvement Project Workgroup, ASCP
75. Weaver, SB, Member, Quality Improvement Project Manuscript Subcommittee, ASCP
76. Weaver SB, Faculty advisor. HUCOP ASHP Student Organization
77. Weaver SB, Chair, HU College APT Committee
78. Weaver SB, Member, HUCOP Curriculum committee
79. Weaver SB, Member, HUCOP Faculty Grievance Committee
80. Wingate LT, Member Curriculum Committee
81. Wingate LT, Member Progressions Committee
82. Wingate LT, Member Assessment Committee
83. Wingate LT, Member Executive Committee
84. Wingate LT, HUCOP Faculty Senate Representative
85. Wingate LT, Member CAPS Department APT Committee
86. Wingate LT, HUCOP Dean's Search Committee

Funded Grants

1. Akala, E Laboratory for Nanomedicine, Drug Delivery, and Pharmaceutical & Biopharmaceutical Drug Products Design and Development continues to strike a chord at NIH (Recent past (November, 2021, Akala PI: NIH- 3U54MD007597-3354 (Targeting Lymph Node and Spleen HIV Reservoirs for HIV Cure: \$772,500). We are committed to excellent research and have resolved to continue to knock at the doors of Federal (FDA, DoD, NSF, NIH, etc.) and private funding agencies with high quality research grant proposals, bearing in mind that the success rate or probability of success is 15-25% or 0.15-0.25 respectively.
2. Akala, E., (Multifunctional Nanotechnology Platform for Triple Negative Breast Cancer Treatment: \$618,000). Dr. Akala's lab is known for nanoparticles' targeted delivery of bioactive agents for HER-2 positive breast cancer treatment.
3. Awuonda M. (Co-Principal Investigators) Office of the National Coordinator UDC/Howard PHIT4DC Cooperative Agreement \$8 million 2021-2022.
4. Awuonda M. (Principal Investigator) HRSA Center of Excellence Grant \$3.43 million 2022-2027.
5. Daftary MN (Co-PI). University of Pittsburgh subcontract to Howard - MAAETC21-22; Mid-Atlantic AIDS Education and Training Center (MAAETC); 7/1/2021; \$353,238 (Original: \$260,238 – Amendment #1 \$38,000 and Amendment #2 \$55,000) (Grant PI: Dr. Linda Frank)
6. Daftary MN (Co-PI). University of Pittsburgh subcontract to Howard; AWD00001138 (136390-1); Mid-Atlantic AIDS Education and Training Center - Bureau of Primary Health Care (BPHC) 7/1/2021; \$30,000; Supplement (Grant PI: Dr. Linda Frank)
7. Hailemeskel B. Food & Drug Administration (FDA)/RPC: The Opioid Analgesic REMS Program Companies – 2nd Cycle. Role: Principal Investigator. Grant ID: EG-000373 YR 2020 – 2021. Amount: \$117,781.00
8. Hailemeskel B. 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.
9. Hailemeskel B. Educational Grant to Promote Clinical Research Among Pharmacy Clinicians; HU COP Research Development & Graduate Program Seed Grant; Role: Principal Investigator. Amount: \$5,000.00
10. Johnson M. (PI), Drame I. (Co-I) "Comparing engagement modalities for persons high-risk for HIV or with HIV" NIH National Institute on Minority Health and Disparities-Administrative Supplement (RFA#PA-20-272). 2021 October. Amount: \$50,000
11. Karla-Develop an opioid-sparing treatment for ocular pain and wound healing - HU-Pitch Competition – Application Submitted by Dr. Pradeep Karla for Serentrix - Awarded 1st Prize (Serentrix – Industry Recipient, Karla PK (PI on Contract)) – Pitch-HU Grant \$ 15,000
12. Karla - completed the PitchHU cohort with humble ventures and submitted the sections (Golden Circles, Lean Canvas, Empathy Map, Ecosystems and Partnerships, Cover Story and Pitch) for Serentrix. The final pitch was awarded first place in the competition and \$15,000 was awarded to Serentrix. As a part of the PitchHU initiative, Serentrix partnered with Dr. Karla's laboratory at Howard University, College of Pharmacy to complete part of the formulation characterization studies.
13. Karla-HU-COP Serentrix Submission to HU-Pitch
14. Howard University Research Center for Minority Health and Health Disparities (2U54MD007597-31) – Karla PK (Center Director and Collaborator), Southerland W (PI) – Howard University RCMI Grant- April 2019 – Mar. 2023 – (Total Grant Funding - \$ 17.3 million) (\$ 4225 support received so far. Grant supports the maintenance of Center for Drug Efflux Transporters lab equipment in the Cell Culture lab for RCMI investigator support).
15. Kulkarni A. (PI) R21 grant, NIH "Development of NLRP3 inhibitors for HIV-associated neuroinflammation" National Institute of Neurological Diseases and Stroke (NINDS, NIH. Award number: 1R21NS129478). July 2022 to June 2024. Total award: \$448,0000, Total direct costs: \$275,000
16. Weaver SB. (PI), Ettienne E. (Co-PI), RCMI IDC grant through NIMHD/NIH. Amount: \$50,000
17. Unonu J. (PI) Title: Flip the Pharmacy Grant. Funding source: CPESN USA, Community Pharmacy Foundation. Coverage Date: October 2020 – September 2022. Total direct costs: \$24,300
18. Franklin C. (Principal Investigator), McCants T., (Co-investigator), Bellevue/Howard PGY1 Community Pharmacy Residency Program, 2022-2023 (\$54,000)
19. Wingate LT. "Improving Inappropriate Prescribing for Aging People with HIV: an Individualized Approach to be Scaled City-Wide." DCFAR Supplement; Role: Consultant. Amount: \$239,466
20. Wang X.S., PI - IBM Corporation. The IBM Quantum Center Awards - Hybrid Quantum-Classical Neural Networks to Facilitate Drug Discovery - Sep. 1, 2022 – Feb. 28, 2024 (\$100,000)

21. 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)
22. Wang X.S., Co-I - National Institutes of Health AIM-AHEAD Data Science Training Core OTA-21-017 - ML, AI, Data Science, Teaching, Education and Research (MASTER) on Health Disparities Training Core - Sep. 8, 2021 – Sep. 7, 2023 (\$15,311,000)
23. 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)

Professional Awards

1. Belhiti S. AACP Walmart Scholars Program Faculty Mentor Award Recipient: July 2021
2. Daftary MN. 2022 (May) Faculty Preceptor of the Year (Ambulatory), College of Pharmacy, Howard University
3. Drame I. AACP Outstanding HDCC SIG Member 2021-2022: June 2022
4. Drame – Faculty of the year (Clinical and Administrative Pharmacy Sciences 2021-2022: April 2022
5. Rungkitwattanukul D. Leadership award. Washington Metropolitan Society of Health-System Pharmacists (WMSHP), Nov 2021
6. Robinson K. – Excellence in Experiential Education
7. Turner MR. AACP Walmart Scholars Program Faculty Mentor Award Recipient: July 2021
8. Turner MR. APhA-ASP Region 2 Operation Immunization Award Winner
9. Turner MR. HUCOP Faculty Professionalism Award. August 2021.
10. Unonu J. HUCOP SNPhA Chapter- National Service Organization of the Year

Professional Development

1. Akiyode, O. American Association of College of Pharmacy, Academic Leadership Fellows Program. Cohort 17, 2020-2021.
2. Akiyode O. Promoting Mindsets for Success in Students and Ourselves. Shared HBCU Faculty Development Program. November 2021.
3. Ayuk Noumedem P, DC Health/Sorogi Grant for APhA MTM Certificate Training: Speaker, July 2021.
4. Ayuk Noumedem P, DC Health, Opioid Overdose Prevention and naloxone Distribution. Train the Trainer-facilitator (teach back method). July 2021.
5. Ayuk Noumedem P, DC Health Naloxone Certification Training. August 2021.
6. Ayuk Noumedem P, Opioid Learning Institute Case Review Grand Rounds CE- September 2021.
7. Ayuk Noumedem P, Opioid and Naloxone Admin Training Symposium. September 2021.
8. Ayuk Noumedem P, Lumen Circles Fellowship & Certification for Effective Teaching Practice, March 2022.
9. Ayuk Noumedem P, APhA Students Seminar: "Women's Health Issues" - Guest Speaker, March 2022.
10. Ayuk Noumedem P, The Business of Cannabis Continuing Education Speaker, March 2022.
11. Ayuk Noumedem P, DC Health/Sorogi Grant for APhA MTM Certificate Training: Speaker, May 2022.
12. Daftary MN. AACP Virtual Pharmacy Education Annual Conference, July 2021.
13. Daftary MN. HUCOP 2nd Opioid Symposium, September 2021.
14. Evans EI. Attended Teaching Professor Conference. June 2022.
15. Franklin C. Joseph T. DiPiro Excellence in Publishing Workshop- July 2021
16. Franklin C. AACP The Virtual Pharmacy Education Annual Conference July 2021
17. Franklin C. Attended the HUCOP 2nd Opioid Symposium- September 2021
18. Franklin C. Attended ASHP Preceptor Conference. October 2021
19. Franklin C. Attended ASHP Mid-Year Meeting- December 2021
20. Franklin C. Attended APhA's Community Pharmacy Residency Program Design Workshop- May 2022
21. Franklin C. The Role of Community Pharmacies in Treating Opioid Use Disorder: Defining the NIDA Clinical Trials Network- May 2022
22. Karla-Trampoline (Gines Perea, CEO) - Trampoline Network is an intellectual property market place that will enable the Universities to market their intellectual property and research capabilities to investors and industrial partners. A smart algorithm will enable the investors to search for specific ideas with key words and advance filters - Review submitted on 01/10/2022

23. Karla-CoraNet Solutions (Cora Alisuag, Founder and CEO) – The platform enables people to have ready access and control over their health records. The CoraNet platform enables instant access both online and offline. The platform has three applications – "Emergency Application", "Cora Vault" and "Tele Cora" - Review submitted on 05/25/2022
24. Karla-Ever Mind (Jordan Balencic, CEO)– Evermind is launching a natural, plant-based beverage to promote cognitive (brain) health – Review submitted on 08/09/2021
25. Karla-Go Stork (Eran Amir, CEO)– A fertility marketplace that allows aspiring parents to find, compare and connect with all fertility providers in the USA and across the globe - Review submitted on 10/02/2021
26. Karla-Oasis grocery (David Ranallo, CEO) - The goal of the company is to eradicate food deserts in both urban and rural areas - Review submitted on 10/20/2021
27. Robinson K. COVID-19 Vaccine Hesitancy Program (August 2021)
28. Robinson K. Opioid and Narcotic Administration Training Symposium (September 2021)
29. Robinson K. Teaching Professor Conference, Atlanta, GA (June 2022)
30. Turner MR. AACP EDI Institute. January 2022
31. Turner MR. AACP Digital Health Institute. October 2021.
32. Turner MR. Joint HBCU and PBI Pharmacy Program Faculty Development Workshop. November 2021.
33. Turner MR. Joint HBCU/PBI Pharmacy Professional Development Virtual Conference: Promoting Professional Identities and Success Mindsets in Ourselves. June 2022.
34. Turner MR. Lumen Circles Fellow. Belonging Circle. Spring 2022.
35. Unonu, J. Telehealth in HIV: Lessons Learned and Future Directions, December 2021.
36. Unonu, J. NACDS- Expanding on COVID-19 Immunizations: The Pediatric Population, November 2021.
37. Unonu, J. Clinical Care Options Webinar- Key Decisions in HIV Care #3: ART in Pregnancy, October 2021.
38. Unonu, J. Clinical Care Options Webinar- Key HIV Studies Influencing My Practice Following ID Week 2021, October 2021.
39. Unonu, J. Arches Health Group Live Webinar- Precision Pharmacy: How These Pharmacists Are Creating New Clinical Positions Using PGx (Without a history of clinical/business experience, or significant additional education, June 2021.
40. Unonu, J. Pharmacists Public Health Initiatives Conference- Virtual Pharmacists Education on CBD & Cannabinoids Symposium, March 2021.
41. Unonu, J. National Foundation for Infectious Diseases- Addressing Disparities in Immunization Rates, February 2021.
42. Unonu, J. IDEA Conference- Bridging the Gap: Reducing Disparities in Diabetes Care Program, June 2022.
43. Wang XS. - Webinar: Psychedelics & Virtual Reality (Nov. 2021)
44. Wang XS. - AWS Summit Online – Americas (Aug. 2021)
45. Wang XS. - Virtual Pharmacy Education 2021 (Jul. 2021)
46. Wang XS. - Pharma IQ Live: Transforming Drug Discovery through AI (Jul. 2021)
47. Wang X.S., Faculty Committee for the Center for Applied Data Science and Analytics, HU (2020 – present)
48. Wang X.S., Review Panel, National Science Foundation (NSF) SBIR/STTR Phase I: Manufacturing and Formulation (2022 – present)
49. Wang X.S., Review Panel, Swiss National Science Foundation (SNSF) National Roadmap for Research Infrastructures 2023 (2022 – present)
50. Wang X.S., Review Panel, National Science Foundation (NSF) SBIR/STTR Phase I: Biological Therapies (2021 – present)
51. Wang X.S., Guest Editor for the Emerging Talents in Toxicology: Computational Toxicology and Informatics 2022, Frontiers in Toxicology (2022 – 2023)
52. Wang X.S., Mentor, AIM AHEAD Connect (2022 – present)
53. Wang X.S., Panelist, HU-JSS HER Symposium (April 2022)
54. Wang X.S., Programme Committee, The 24th International Conference on Artificial Intelligence (ICAI'22, 2022)
55. Wang X.S., Programme Committee, The 18th International Conference on Data Science (ICDATA'22, 2022)
56. Wang X.S., Expert Evaluator of Promotion and Tenure, Purdue University Department of Chemistry (2021)

PATENTS Kulkarni AA. United States Patent 11,236,053. NADPH oxidase inhibitors and uses thereof. February 1, 2022.

ALUMNI, OUTREACH AND RECOGNITION

DR. NORA GADRI, '22 ON RECEIVING THE DR. FREDRIC LOMBARDO OUTSTANDING PERFORMANCE IN HEMATOLOGY/ONCOLOGY AWARD



Dr. Nora Gadri (pictured l) received the Dr. Fredric Lombardo Outstanding Performance in Hematology/Oncology Award.

This award was presented to Nora Gadri. Dr. Gadri is a 2022 HUCOP PharmD graduate, and we are very proud to award her this outstanding academic performance and leadership achievement!

Dr. Nora Gadri
Class of 2022

HUCOP ALUMNI DR. KWAME SARPONG, '20 VISITS HUCOP

HUCOP Alumni Class of 2020, Dr. Kwame Sarpong stopped by to visit HUCOP. Pictured l-r, Dean Tofade, Dr. Sarpong, and Dr. Akiyode pose in front of the class of 2020 graduate class photo. Below (l) Dr. Sarpong is currently with Bristol Meyers Squibb (BMS) and was recently interviewed as part of their HBCU alumni Q&A Series.





HUCOP ALUMNI CELEBRATED - CLASS OF 1972 CELEBRATED 50 YEARS

CONGRATULATIONS HUCOP ALUMNI CLASS OF 1972 ON CELEBRATING 50 YEARS OF EXCELLENCE

Top: Alumni HUCOP - Class of 1972 (pictured l-r) Eric M. Yarbough, Troy H. Thompson, Judith A. Roseman, Ruth A. Swann, Olu A. Olusanya, Clifton L. Peay, Jr., MD, MBA, FACS, William H. Phillips, Jr, Samuel C. Simmons, (seated l-r) Dianne Tyrance-Neal, Sharon Roquemore Edwards, Karen D. Carrington, M.D., Gloria Nichols-English, M.ED, Ph.D., Minnie V. Baylor-Henry, Esq.; Below: Howard University College of Pharmacy Class of 1972



DISTINGUISHED ALUMNI AWARD

PRESENTED TO THE HOWARD UNIVERSITY COLLEGE OF PHARMACY
ALUMNI CLASS OF 1972



Dr. Peay (picture l) was a guest speaker during the 2022 HUCOP Oath & Award ceremony at Crampton Auditorium and was awarded the Distinguished Alumni Award on behalf of the HUCOP Class of 1972. Pictured right (l-r) class of 1972 classmates, Olu A. Olusanya, PharmD., Clifton L. Peay, Jr., MD, MBA, FACS., and Eric M. Yarbough, posed for a photo during the Oath & Award reception after the ceremony.

THE CLASS OF 1972 PAY TRIBUTE TO THEIR CLASSMATES IN MEMORIAL DURING THE 50TH REUNION

Please help HUCOP pay tribute to the Alumni HUCOP Class of 1972 with a tribute gift, recurring gift, or designated gift. The Tribute Gift - in honor, memory, or support of someone, Recurring Gift you can make this a monthly gift or leave a comment (optional) or designation to a loved one. Give to Class of 1972 <https://giving.howard.edu/1972class>

DONATE TODAY!!!

Class of 1972

'Embrace the Challenge Scholarship Fund Howard University'

Thank you for the 50 years at Howard University College of Pharmacy, the Distinguished Alumni Award is the highest honor that Howard University College of Pharmacy bestows upon outstanding graduates. This award salutes graduates that have distinguished themselves professionally, brought honor and significant contributions of achievement of time, and philanthropy to the university and their community. These exceptional alumni represent the very best of values we hold near and dear and whose personal lives, professional achievements, and community are dedicated to selfless public service and lifelong commitment to their alma!



HUCOP Alumni Class of 1972 pay tribute to fallen classmates.

SPONSORS OF THE 1972 CLASS REUNION



(Pictured l-r)

OLU OLUSANYA
GLORIA NICHOLS-ENGLISH

SHARON ROQUEMORE EDWARDS
MINNIE BAYLOR-HENRY
CLIFTON PEAY

ERIC YARBOUGH, AND
DINSDALE FORD *(not pictured)*

Thank you!

NEW EMPLOYEES



Feb 2022
Otis Hooper
Lab Technician

Mr. Otis Hooper joined the HUCOP Pharmily. He previously worked for the University of Miami and Cleveland State University.



Jan 2021
Stephen Smith
Assistant Director of
Assessment

Mr. Stephen Smith is from Chicago, IL. He holds a BS in Community Health Education from the University of Illinois at Champaign-Urbana, a MS in Biological Sciences from Tennessee State University, a Master of Business Administration from North Carolina Central University, Master of Education in Science Education from the University of Illinois at Chicago. He is currently completing a Ph.D. in Higher Education Administration at Illinois State University.



October 2021
Dr. Ebony Evans
C.A.P.S

Dr. Ebony Evans joined the ambulatory care team in CAPS as a Clinical Assistant Professor and maintains an outpatient practice site at the Howard University Hospital Diabetes Treatment Center. Dr. Ebony Evans is from Hempstead, NY. She received her Doctor of Pharmacy from The Ohio State University College of Pharmacy. She completed her PGY-1 Residency with Western New England University and her PGY-2 Ambulatory Care Residency at The University of Maryland. Her professional interests are in ambulatory care and academia, and she is very passionate about motivational interviewing and helping underserved communities.



HUCOP PROGRAM ACCOMPLISHMENTS

HUCOP OFFICE OF PROFESSIONAL EDUCATION AWARDS AND ACHIEVEMENTS

The Center of Excellence (COE) program, funded through the Department of Health and Human Services, was established to assist designated health profession schools and other public and non-profit, or educational institutions strengthen the national capacity to produce a culturally competent healthcare workforce, whose diversity is representative of the U.S. population.



Mary K. Awuonda, PhD
Associate Professor
Director of Center of Excellence

The Center of Excellence (COE) program is designed to strengthen the national capacity to train under-represented minority (URM) students in various health profession fields. The Center of Excellence program is designated to certain Historically Black Colleges and Universities (HBCUs) and/or colleges or universities that have a history of a high enrollment of Hispanic or Native American students. These colleges or universities are required to have a health Professions School of Medicine, Osteopathic Medicine, Dentistry and Pharmacy. Centers of Excellence programs are also offered to other public and non-profit, or educational entities and graduate programs in mental or behavioral health programs that train a significant number of the targeted minority populations.

Howard University's College of Pharmacy received a Center of Excellence grant in 2000 to initiate programs for K-12 students, partnerships with community colleges and four-year institutions. The College of Pharmacy provides the following programs: Tutorials and Workshops to elementary and middle school partners; a High School Summer Enrichment Science Academy (HSSESA) and SAT/ACT Preparatory Program for rising juniors and seniors; Advanced College Summer Enrichment Program (ACSEP) and Pharmacy College Admission Test; Preparation Program (PCAT Prep) for pre-pharmacy students; Pharmacy Biomedical Preview Program (PBP) for newly entering First Year student pharmacists (P1); Pharmacotherapy Preview Program (P-Cubed) for new Second Year student pharmacists (P2); fall and spring Tutorials for P1, P2 and P3 level student pharmacists; and, a North American Pharmacist Licensure Examination Preparation Program (NAPLEX Prep) for P4 student pharmacists. In addition, the Howard University COE offers operational programs to support Faculty Development, Student Health Services Training, Professionalism, Mentoring and Faculty/Student Research.

For more information email: mary.maneno@howard.edu.

COE RECEIVES 3.43 MILLION IN GRANT FUNDING FROM HRSA

The HUCOP STEM and Healthcare Professionals Pipeline programs include all programs supported through the Howard University Center of Excellence (COE) funded by Health Resources and Services Administration (HRSA), since 2000. This support has continued to catapult Howard University College of Pharmacy's Center of Excellence. This grant has been renewed by HRSA for the next 5 years (2022-2027) in the amount of 3.43 million over the next 5 years. Under Dr. Awuonda's principal investigator ship and directorship, the new purpose of the grant will be to leverage our newly strengthened consortium of strategic regional partners including the University of the District of Columbia (UDC); other HBCU's in our BS/PharmD programs; committed high school partners with a pharmacy technician or STEM focus to further expand the College of Pharmacy's and the University's long standing institutional commitment to diversity. This purpose will be achieved via focused programs geared to advance underrepresented minority (URM) students and URM faculty within the profession of pharmacy (primarily) and other health professions (secondarily). <https://pharmacy.howard.edu/articles/center-excellence-has-recieved-343-million-grant-funding-hrsa>

New efforts in the renewed COE grant are a re-commitment to community-based student health training via newly proposed additional clerkship site partnerships with 1) Federally Qualified Health Centers, 2) Community healthcare partners focused on health and housing 3) Community-based healthcare partners focused on behavioral health. The grant also will focus on updated student performance programs to support NAPLEX performance, advancing our training in health information technology and digital health for our pharmacy students and faculty. New programming for faculty will include expansion of the faculty-student research (FSR) program and a new Early Faculty Diversity Initiative for pharmacy post-grads to support a pipeline of URM pharmacy faculty. The 7 legislative objectives anticipated to be fulfilled remain the same and include 1) Competitive Applicant Pool 2) Student Performance 3) Student Health Training 4) Curriculum Information/Cultural Competency 5) Faculty Development 6) Faculty Student Research and 7) Provision of Stipends.

THE PACE CENTER

Pharmaceutical care and Continuing Education (PACE) Center have been a significant component of Howard University's international footprint for well over 25 years, with a focus on global and international work.

Established in 1993, the PACE Center has primarily been involved in training programs, projects and customized courses for a wide variety of leaders, middle to senior level officials, and professionals involved in pharmaceutical care in nearly thirty (30) countries in Africa, the Caribbean and Europe.

In a world of rapid technological advancements and breakthroughs in healthcare and drug development, the PACE Center recognizes the great responsibility that rests with pharmacists globally, above and beyond the dispensing of drugs. PACE has embraced international programming opportunities, developed value-added programming, and built vital sustainable public health trainings and offerings globally. Appropriate changes in health policy and health education enable the pharmacist to serve as an education and information resource on drugs, to benefit not only the public, but also the health team, administrators and community leaders.

Howard University College of Pharmacy PACE Center prepares pharmacists to play a more strategic role in the increasingly complex world of primary health care with initiatives to include:

- **Howard University Global Initiative Nigeria (HUGIN)** – HUGIN's primary role is to strengthen pharmacy systems and pharmacists' capacity to provide a wide range of healthcare services/pharmaceutical care with a focus on HIV/AIDS, STIs or TB services at health facilities and community pharmacies.
- **Howard University Global Initiative South Africa (HUGISA)** – HUGISA has a history of implementing health improvement projects in Southern, Central and East African countries that have a disproportionately high prevalence of HIV/AIDS/TB; and
- **Howard University International (HUI)** – HUI's primary responsibility lies in the strengthening of pharmaceutical care services and health commodity management systems

For more information email: gjennings@howard.edu.



Dr. Grace M.A. Jennings
Director of International Operations,
PACE Center

HOWARD UNIVERSITY COLLEGE OF PHARMACY OFFICE OF CONTINUING PROFESSIONAL EDUCATION (CPE)

The Howard University College of Pharmacy (HUCOP) Office of Continuing Professional Education (CPE) is accredited by the Accreditation



Council for Pharmacy Education as a CE Provider of Continuing Education for pharmacists and pharmacy technicians. The Office has been an accredited provider since 1995 and accredits numerous programs each year on various topics of relevance on the local, regional, and national levels of healthcare. To assist pharmacists and pharmacy technicians in meeting their licensure requirements while advancing their practice, HUCOP Office of CPE has accredited and/or partnered with various organizations, companies and associations including but not limited to: Washington DC Pharmacy Association (WDCPhA), Howard University College of Pharmacy Alumni Association, Clinical Pharmacy Associates (CPA), Ghanaian Pharmacists Association (GPhA), Ethiopian Pharmacists and Pharmaceutical Scientists in Diaspora (EPPAD), Mid-Atlantic Aids Education and Training Center (MAAETC), and American Society of Consultant Pharmacists (ASCP).



Anthea Francis, RPh, B.Sc. Pharmacy
HUCOP CPE, Program Coordinator

The mission of the Howard University College of Pharmacy - Office of Continuing Professional Education is to promote the professional development of pharmacists, pharmacy technicians and other professionals in the field of pharmacy in various practice settings with an emphasis on educational programs that focus on current trends in drug therapy management, training areas emphasized by the Washington DC pharmacy licensure requirements and management of diseases in various populations.

Awards:

- Office of CPE appointed by Accreditation Council for Pharmacy Education (ACPE) for the third consecutive year to serve as ACPE Field Reviewer.
- Two grants in 2022: One was awarded from Pfizer for educational programming on Biosimilars and another grant award was Seed money to train COP clinical faculty on grant writing and how to pursue grant funds to conduct high level research.
- Awarded contract from DC Health to author, design and publish the Pocket Guide for Safe Opioid Prescribing on behalf of the DC Mayor's Office and DC Health for distribution to physicians.

Symposiums:

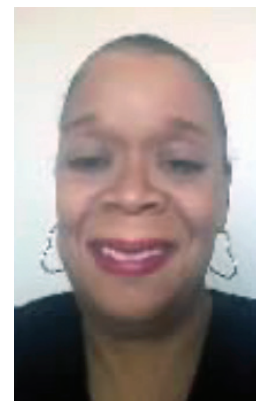
- Howard University Hosts Second Opioid and Naloxone Training Symposium, September 10 | The Dig at Howard University
- For Calendar year 2021, accredited over 70 continuing education programs and provided over 1000 hours of CE credit to pharmacists and pharmacy technicians
- Served as CE Provider for ASH (Action on Smoking and Health). Formed in 1967 by John F. Banzhaf III, and a distinguished body of physicians, attorneys and other prominent citizens who saw the need for an organization to represent nonsmokers' rights. Over the years, ASH has taken the lead on a variety of initiatives to counter the deaths and economic burden imposed by the tobacco industry.

Invitations:

- HUCOP Office of CPE invited to partner with APhA in the association's national immunization training for pharmacist initiative. The Howard University College of Pharmacy will serve as APhA's partner for training licensed pharmacists in the District of Columbia in the Fall of 2022. The immunization training will be held at the College of Pharmacy.

For more information email: anthea.francis@howard.edu.

MID ATLANTIC AIDS EDUCATION AND TRAINING CENTER (MAETC)



Cheryl Pack
Regional Coordinator

Howard University MAAETC Regional Partner provides HIV/AIDS education, consultation, technical assistance, and resource materials to health care professionals throughout the Mid-Atlantic region, with a focus in the District of Columbia.

Effective Education Methods to Educate Health Care Professionals

- Use evidence-based education methods with proven efficacy to impact clinical care
- Employ innovative methods to identify needs of target audiences
- Disseminate best education practices to improve health care provider knowledge and skills
- Ensure clinical and content experts who are skilled trainers.

For more information email: Cheryl.pack@howard.edu.



Monika Daftary, PharmD, BCTS, AAHIVP
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Department of Clinical & Administrative
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(MAAETC)
MAAETC Co-PI/Regional Director



**Bisrat Hailemeskel, B.Pharm., MSc., PharmD,
RPh, ABAAHP**
Professor of Clinical Pharmacy & Vice Chair
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HUCOP DONORS

ANNUAL DONOR / GIVING 2021-2022

Grand total: \$1,276,395.60

Support Howard University College of Pharmacy with a Gift

- The Howard University College of Pharmacy 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.
- By donating to our students, you are investing their future in building a brighter tomorrow.



For more information on giving please contact email: James.Jordan@howard.edu.

Thank you for your service Dr. Tofade.

HUCOP Faculty and staff





HOWARD UNIVERSITY
College of Pharmacy

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