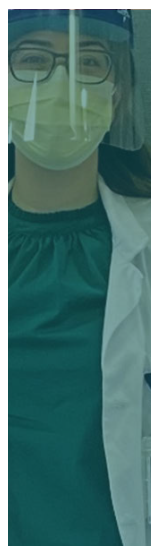
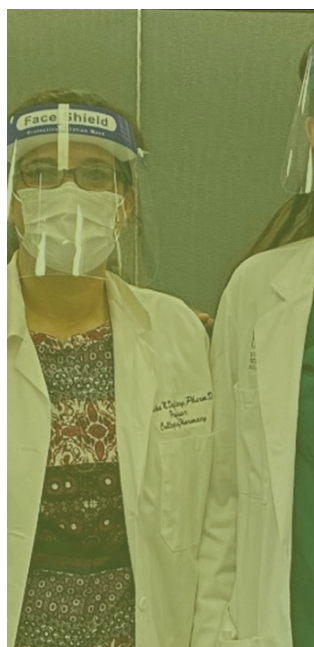




HOWARD
UNIVERSITY

College of Pharmacy

2020|21 ANNUAL REPORT





2020|21 ANNUAL REPORT



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

COLLEGE LEADERSHIP



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



Muhammad Habib
MPharm, PhD
Associate Dean for Academic Affairs



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



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



Monika N. Daftary
PharmD, BCPS-AQ ID, AAHIVP
Chair, Department of Clinical &
Administrative Pharmacy Sciences



Indiran Pather
BPharm, MPharm, DPharm
Chair, Department of
Pharmaceutical Sciences



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



Jamila J. Jorden
PharmD, MBA
Director, Experiential Program



Tamara McCants
PharmD
Director for Practice Transformation
and Residency Programs



Earl B. Ettienne
BPharm, MBA, LP.D.
Director of Graduate Programs and
Industry Partnerships
2020 -2021 Alumni President



Miranda G. Law
PharmD, MPH, BCPS
Director for International Experiences
and Engagement

CENTERS

Center of Excellence

Toyin Tofade, MS, PharmD, BCPS, CPCC, FFIP
Director

Mary K. Awuonda, PhD

Co-director and National Workforce Diversity Pipeline Project

PACE International Center

Toyin Tofade, MS, PharmD, BCPS, CPCC, FFIP
Director

Grace Jennings, PhD

Assistant Director – International Operations

Henry Fomundam, Pharm D

Regional Director – Southern Africa

Dorothy Oqua, PhD

Country Director HUGIN - Nigeria

Mid-Atlantic AIDS Education and Training Center (MAAETC), (Howard University - Regional Partner)

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

Cheryl Pack

Regional Coordinator

ALUMNI ASSOCIATION

Earl B. Ettienne, LP.D., MBA, RPh
President

GIVING

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

Please visit our website for additional information.

<https://PHARMACY.HOWARD.EDU>

COLLEGE of PHARMACY

4th Street, NW
Washington, D.C. 20059
202.806.6530
Fax: 202.806.4636



CONTENTS

5

Message from the Dean

6

Board of Visitors

6

Facts & Statistics

8

Fellowships and Achievements

9

COVID-19 Corner and Community Service Efforts

28

Celebrating Decades at Howard

30

Alumni News

32

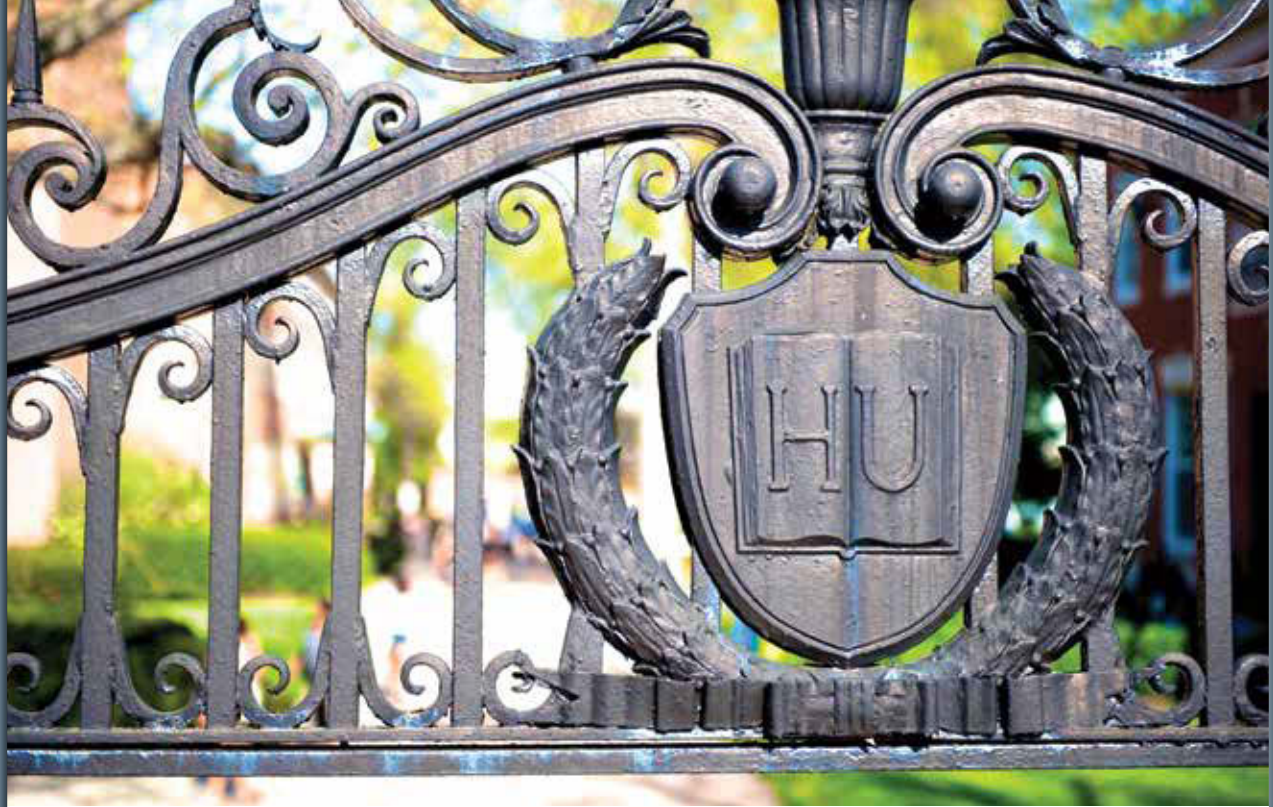
Faculty Productivity

32

Funded Grants, Publications, Presentations, and Awards

38

College Donors



VISION

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

OUR MISSION

The mission of Howard University College of Pharmacy is to provide pharmacy education of excellent quality to students possessing high academic, scholarship, and leadership potential, with particular emphasis upon the recruitment, retention, and graduation of promising African American and other ethnically diverse minority students.

The College fosters the creation of new knowledge through innovative research and scholarship, commitment to community service, continuous professional development, and dedication to superior pharmacy practice locally and globally.

OUR VALUES

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

Leadership
Excellence
Accountability
Diversity
Engagement
Relationship
Service





HOWARD UNIVERSITY COLLEGE OF PHARMACY

ANNUAL REPORT

MESSAGE FROM THE DEAN

Toyin Tofade, MS, PharmD, BCPS, CPCC, FFIP
Dean and Professor (Follow me on Twitter @hurx dean)

GREETINGS,

We are thrilled to provide that Howard University College of Pharmacy remains strong with increasing pride and reputation due to the great work of our faculty, staff, students, alumni, and board of visitors. The PharmD program successfully completed an ACPE reaccreditation with an 8-year term awarded. I believe this significant achievement has been due to several changes made to our operations over the past (four) 4 years to comply with the 2016 ACPE Standards. This report highlights the main changes made in the prior academic year.

Most notably, this year our clinical and strategic partnerships have grown tremendously with 20 post-doctoral fellowship positions sponsored by pharmaceutical companies and our 18 international partnerships now cover 16 countries in 6 continents. In 2020, the US News Pharmacy schools and colleges survey revealed that we obtained a ranking of 75, up from 98 in 2016. This made us the #1 HBCU Pharmacy school in the Nation. We continue to work hard and deliberately to strategically position ourselves in the nation and the world. We are expecting expanded partnerships and an even better US World News ranking in the coming years.

Our non-traditional Doctor of Pharmacy Program is fully in housed with our first class from the new curriculum graduation in May 2021. This was a money saving venture and as we grow our student enrollment in the program, we expect to have a profitable program. In addition, our Continuing Education (CE) office received grants for delivering the REMS training.

Our fundraising plan is managed by our Project coordinator, in collaboration with our newly onboarded Board of Visitors and Alumni Association executives. The upgraded technology in classrooms, extended reach to our alumni through constant contacts, increase in visibility around the nation and upgraded website is resulting in improved morale and pride among students, faculty, staff, and alumni.

We have increased giving by 76% since my start here in 2016, increased student satisfaction by 6.6% since last year, increased on-time graduation rates by 5.3% over last year, increased NAPLEX scores by 13% over the prior year, increased grant awards by 12.5% and our enrollment is yielding desirable results with a 13% increase in regular students this year. Our faculty and staff satisfaction are better based on comments, although there is some room for improvement due to increased workload and resulting stress from the pandemic.

Significant progress has been made with the student outcome metrics of PCOA and we expect to continue to see upward movement with the NAPLEX given the significant changes made to the curriculum which is now in its 4th year. Threshold increases to the NAPLEX Readiness exam has allowed 90 percent passing rates for the 4th year students. We would like to focus on increasing the board scores, enrollment, and student success outcomes in the coming year.

Faculty productivity was commendable during the past year despite the COVID-19 pandemic and managing remote classrooms. They received 15 awards and engaged in 87 professional development activities, 26 service activities and 2 TV and radio interviews. Faculty received 32 Grants with over \$ 3.87 million received in grants and contracts and published 40 peer reviewed research articles and

made 82 poster/podium presentations. The following are highlights from the prior year:

Highlights

- Our self-study was a success with no partial compliance or noncompliant categories. Congratulations to the faculty and staff.
- We participated in the COVID-19 Clinic with health science colleagues delivering over 40,000 vaccines to patients with faculty staff and students' involvement. See other stories at our COVID Corner site <https://pharmacy.howard.edu/covid-corner-news>
- A new Global Health/supply chain fellowship was created with Chemonics starting in July 2021
- We used virtual reality to create videos for skill-based courses prior to the actual demonstration of skills at the end.
- Several new partnerships with Pharma are in place now to benefit students and faculty research
- We continue to engage the community with the new practice transformation Director's role to build clinical programs among community pharmacists in the district.
- We raised the required pass rate for the pre NAPLEX to 70% from 50% to help with NAPLEX first time pass rates. 96% crossed that high threshold after the second try.
- Class of 2021 graduation rate was 83.9%. Job placement increased this year with only 13% still looking in June.
- Residency match rate was 50% for class of 2021.
- Four of our faculty were featured on the APhA website for vaccine confident promotion. <https://vaccineconfident.pharmacist.com/Share/Success-Stories/Videos>
- We now have 18 partners in 16 countries benefitting our students professionally (travel was halted due to COVID-19). We also accept Pharmabridge participants in partnership with FIP to assist developing country pharmacist experiences.

We are proud of all the accomplishments of our faculty, staff, students, and alumni so far. We will continue to press on towards excellence on every front and we invite you to be a partner in this work.

Our strategic plan is in alignment with the University plan, and we are concluding the 4th year. This means, we have begun the process of designing a new plan per accreditation standards. I would like to invite you to review a copy of the current strategic plan and other work from our faculty, staff and students on our website: <https://pharmacy.howard.edu/sites/pharmacy.howard.edu/files/2021-04/HUCOP%20STRATEGIC%20PLAN%202018-2022%20aligning%20with%20Howard%20Forward%20Pillars%204.5.21.pdf>

Lastly, 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,

HUCOP WELCOMES NEW BOARD OF VISITOR MEMBERS IN NOVEMBER 2020



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



Belinda Hightower-Jervis
MBA, Ph.D.
Independent Pharmaceutical Consultant



Ralonda Jasper
MBA
National Account Executive at Equifax -
Workforce Solutions



Adora Ndu
PharmD, JD
Executive Director and Head of Global
Regulatory Policy, Research, & Engagement
(PRE) as well as International Regulatory
Affairs at BioMarin Pharmaceutical, Inc.



Mark Shaefer
PharmD, FCCP



Vaiyapuri Subramaniam
PharmD, MS, FCP, FASHP, FASCP, FFIP
President & Chair Executive Board of
Directors, Washington Metropolitan Society
of Health System Pharmacists, Former
Pharmacist Executive, US Veterans Health
Administration; Former Pharmaceutical
Scientist & Compliance Officer, US Food and
Drug Administration; Former Adjunct Clinical
Associate Professor of Pharmacy Practice

FACTS & STATISTICS

HOWARD UNIVERSITY COLLEGE OF PHARMACY IS NOW IN BRAZIL

HUCOP just announced a new rotation partnership in Brazil, which places HUCOP in every continent except Antarctica. Now HUCOP has 18 partnerships in six (6) continents for student rotations.



Miranda G. Law
PharmD, MPH, BCPS
Clinical Assistant Professor; Director of
International Experiences and Engagement,
Department of Clinical & Administrative
Science

"I would like to thank Dr. Miranda Law, our Director for International Experiences and Engagement for her tenacious dedication to the pursuit of this vision and for her outstanding execution of this work. This is so surreal. Thank you everyone for your prayers and good thoughts over the years. All glory to God and congratulations to everyone."

— Dean Toyin Tofade, MS, PharmD, BCPS, CPCC, FFIP

Howard University College of Pharmacy's clinical and strategic partnerships have grown tremendously with 20 post-doctoral fellowship positions sponsored by pharmaceutical companies and our 18 international partnerships now cover 16 countries in 6 continents.

HUCOP HIGHLIGHTS

Highlights



Comprehensive Web-Based Student-Centered Advising and Success Coaching

Innovative Programs in Medical Affairs, Regulatory Affairs, Public Health and Policy



First College of Pharmacy to be Awarded the "Opioid Analgesic: Risk Evaluation and Mitigation Strategy (REMS)" Grant: Awarded 2019 to the Office of CPE

Conducting HIV/AIDS/TB Care and Capacity Building in Sub-Saharan Africa Since 2000



Capitol City Pharmacy Medical Reserve Corps (CCPMRC) Uniquely Established in 2013, for & by Pharmacy Professionals to Improve Public Health Preparedness.



Access to Thought Leaders with Regional, National & International Influence



Capacity For 50-100% of Each Class to Rotate Internationally



Innovative Teaching: Using VR and AR to Enhance Instruction in Select Courses

Transformational Pre-Professional Pipeline Programs Serving Undergraduate, High, Middle & Elementary School Students from Across the Nation Since 2000



Our Mostly Online PharmD (NTDP) Program Re-equips Today's Practicing Pharmacists for Tomorrow's Challenges



Robust Clinical Track Programs and Partnerships



Innovative and Unique Learner Centered Diversity & Leadership Program



HOWARD
UNIVERSITY

College of Pharmacy



18 Partnerships in 16 Countries Across 6 Continents



Want to Learn More? Visit Our Newly Redesigned HUCOP Website at: <https://Pharmacy.Howard.edu>

<https://Pharmacy.howard.edu>

FELLOWSHIPS AND ACHIEVEMENTS



Dr. Maimun Alam
Class of 2020

The Howard University College of Pharmacy is proud to announce that graduate Dr. Maimun Alam has been selected for the 2020 Fellowship in Regulatory Affairs and Policy after a rigorous screening process. This prestigious and unique fellowship is hosted as a collaborative effort between Howard University, GlaxoSmithKline Pharmaceuticals and the Food and Drug Administration.

Dr. Alam hails from Germantown, Maryland and prevailed in this process after an intense period of preparation as a student. He completed a Pharmaceutical Quality externship at the FDA, a health both and economic and overcomes externship and a Medical Information externship at Astra Zeneca Pharmaceuticals, a Global Launch Operations Internship at Pfizer Pharmaceuticals and a student research fellowship at the National Institute of Health.

Additionally, Dr. Alam was a member of the Student National Pharmaceutical Association and served as the Treasurer of the Howard University Student Chapter of the Drug Information Association. Dr. Alam describes his selection as nothing short of a miracle and wishes to thank Dr. Etienne, Program Director for believing in him, Dean Tofade for her leadership of the College and the selection committees from Howard GlaxoSmithKline Pharmaceuticals and the Food and Drug Administration.

JOYCE TOBIAS ACCEPTS FELLOWSHIP WITH CHEMONICS



Joyce Tobias
Class of 2021

HUCOP partners with Chemonics for the Global Pharmacy Practice Fellowships for the 2021-2022 year. Achan (Joyce) Tobias, will be at Chemonics starting July 6, 2021.

CONGRATULATIONS DR. DHAKRIT "JESSE" RUNG ON BECOMING A FELLOW OF THE NATIONAL KIDNEY FOUNDATION



Dr. Dhakrit "Jesse" Rung

CONGRATULATIONS DR. WEAVER SELECTED AS FELLOW OF THE AMERICAN SOCIETY OF CONSULTANT PHARMACISTS (ASCP)



Salome Weaver

ASCP recognizes selected active members with fellowship status in the Society, designated by the post-nominals FASCP (Fellow of the American Society of Consultant Pharmacists).

This recognition honors the Fellow's excellence in pharmacy

leadership, practice, and education as demonstrated by their sustained involvement with and contributions to ASCP on a state and national level, the ASCP Foundation and the Commission for Certification in Geriatric Pharmacy (CCGP). Also considered is involvement with other professional pharmacy and health-related organizations and professional pharmacy accomplishments.

COVID-19 CORNER AND COMMUNITY SERVICE EFFORTS

Howard University College of Pharmacy collaborated with the College of Medicine, Dentistry and Nursing and Allied Health to provide COVID-19 vaccines in the District of Columbia. Pharmacy faculty and staff assisted in the preparation of vaccines for administration. Over 40,000 vaccines were administered in 2021. Faculty and students assisted in the administration of the vaccine.



Pictured left: Derrick is giving Uzo her vaccination & Dr. Franklin is coaching him while he administers the shot.



Dr. Careen-Joan Franklin administers the vaccine to our very own Dr. Muhammad Habib.



Pictured l to r: Class of 2021 students Uzoamaka Uwechia & Derrick Amenyedior and PGY-1 Pharmacy Resident Dr. Marriam Nasserjah with Dr. Careen-Joan Franklin.

**Over 40,000 vaccines
were administered in 2021.**

NATIONAL PRESCRIPTION DRUG TAKE-BACK DAY!

HUCOP participated in the National Prescription Drug Take-Back Day for the 4th time!

On Saturday, April 24th, Howard University APhA-ASP (American Pharmacist Association Academy of Student Pharmacists) took part in National Prescription Drug Take-Back Day for the fourth time. Under the leadership of Substance Use Disorder Chair, Madison Taylor, 32.8 pounds of pharmaceuticals were collected! National Drug Take-Back Day takes place twice annually, all across the country, during April and October. Our efforts occur through a partnership with the DEA, Metropolitan Police Departments, and sites like Howard University College of Pharmacy. Thank you to our volunteers, student pharmacists Madison Taylor, Emmanuel Oppong, Garrad Baker, Serena Medor, and Jessica Nwabuoko as well as The Department of Community and Family Medicine for collecting unused drugs from their patients.



Pictured above (l to r): Emmanuel Oppong and Madison Taylor



Thank you to all our volunteers, student pharmacists Madison Taylor, Emmanuel Oppong, Garrad Baker, Serena Medor, and Jessica Nwabuoko as well as The Department of Community and Family Medicine for collecting unused drugs from their patients.

HOWARD UNIVERSITY COLLEGE OF PHARMACY STUDENTS

Vaccinating at Giant Pharmacy in Washington, DC.



Pictured above (l to r): Students, Joyce Tobias, Julio Ramirez, and Uzoamaka Uwechia assist Giant Pharmacy with COVID-19 vaccination efforts; Middle: Ms. Anthea Francis along with faculty and students prepare labeling vaccine syringes for residents.

Dr. Terrence Fullum (HUH Bariatric Surgeon and Physician Team Leader for HUH COVID-19 vaccine initiative) with Mrs. Abimbola Ogunsunlade, Director of Pharmacy Department at HUH, at the COVID-19 vaccination clinic.



Pictured above: Ms. Achan Tobias, P-4 student, and Dr. Karodeh busy preparing Coronavirus Vaccines for use by Immunizers to vaccinate individuals who are eligible during Phase 1B; Right: Special thank you to Dean Hugh Mighty, Dean Toyin Tofade, Dean Gina Brown, Dr. Terrence Fullum, Ms. Jamie Baker, and Mr. Michael Crawford as the leaders for the HUCOP vaccination operations and task force.

The Howard University Vaccination Clinic administered over 40,000 vaccinations to the community over the past several months. The Howard University Faculty Practice Plan led the entire vaccination program hosted at Howard University. The Interprofessional Planning team consists of the Deans of the College of Nursing and Allied Health Sciences, College of Pharmacy, and College of Medicine, the Faculty Practice Plan administrators, and the HU Hospital Chief Medical Officer. Our College team under the leadership of Dr. Monika Daftary and Dr. Tamara McCants worked hard to administer and prepare several

doses for the patients. Much appreciation goes to all our faculty and staff who have supported the vaccine preparation and immunization process.

Special thanks go to the Director for Practice Transformation and our Faculty Director for the Pharmacy Washington, DC MRC, Dr. McCants, who is the leader for the HUCOP vaccination operations and task force. She worked with the Inter-professional team during the summer COVID-19 testing clinics run by HU and we are excited to be involved in this much-needed HU vaccination project. Well done!

FACULTY AND STUDENTS PROVIDE VACCINES TO DC PUBLIC SCHOOL TEACHERS WITH CHILDREN'S NATIONAL HOSPITAL AND DC PUBLIC SCHOOL ASSOCIATION



Pictured above (l to r): Patrick Fotso (student), Monika N. Daftary (Faculty), Marriam Nasserjah (PGY-1 Resident HUH), Andrew Yabusaki (Faculty), Liuywork Adane (student); Right: Monika Daftary, Faculty, Marriam Nasserjah, PGY-1 Resident HUH



Pictured above: Dr. Drame labeling vaccine syringes and preparing them for delivery; Right: Mrs. Anthea Francis, RPh, representing the HUCOP Office of Continuing Professional Education, lending her hand to assist the HUH Pharmacy Department in preparing vaccines for immunization.



Pictured left: Student volunteer administered vaccine to a DC resident; Above: Dr. Monika Daftary, administering the vaccine to DC resident

INTERNATIONAL CONNECTIONS

International – Nigeria



Cross River State Team in Nigeria Transforming Global Health

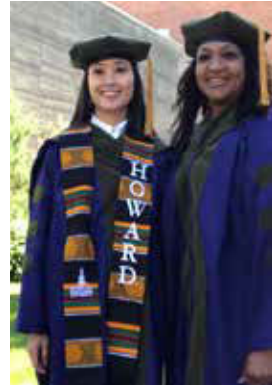


GRADUATION 2020- 2021

Congratulations class of 2021 and class of 2020 / Farewell to our NDTP Cohort 19



Above: Dr. Anthony Wutoh speaks to the Pharmacy graduates



Above: Class of 2020 – Jessica Lyons (left) Dean Tofade (middle) Class of 2021 – Brittany Olbert (right); Left: The Dean poses with Student Affairs staff member on the left, Helena Peters and on right Marlon Prince. They worked hard to recruit the regular PharmD program and the NTDP program students during the pandemic; Bottom: 2020 and 2021 Graduation Class Group Photo



CHARLES VAN DER HORST LEADERSHIP AWARD

Congratulations Ms. Lynn for receiving this award and for your Outstanding Leadership and sacrifice, working hard to keep us safe during the pandemic

The Charles Van der Horst Award was created by Howard University College of Pharmacy. Dr. Charles Van der Horst, 67, was a preeminent UNC researcher and clinician who helped develop groundbreaking treatment protocols for HIV/AIDS and after that once-terrifying virus had been tamed to a manageable disease, inspired a new generation of scientists to tackle Ebola. He was a compassionate doctor who turned a community service stint into a campaign to eradicate Hepatitis C in Wake County. He was a social justice advocate willing to go to jail to draw attention to the needs of the state's uninsured. Van der Horst was a formidable athlete, a respectable cook, and a man whose outgoing personality served as a conduit through which countless people became connected as colleagues and friends.

Several former colleagues described van der Horst as compassionate and courageous. They said they admired how committed he was to stand up for what



Lynn Lirazan, Facilities Coordinator

he believed was right in healthcare and other civil rights issues. "He fought many good fights," said David Jolly, a former colleague who met van der Horst through the Lesbian and Gay Health project, which was the first AIDS service organization in North Carolina. "He was committed to making sure other people around North Carolina knew how to treat patients with HIV and how to deal with them on a human level."

Van der Horst advocated for the poor in columns he wrote from the Durham Herald-Sun. He also wrote a column about why he swam, which he said brought him peace and helped him to deal with depression. Roger said the family was somewhat comforted by the fact that van der Horst died doing something he loved. At the time of his passing, Dr. Van der Horst served as a Board of Visitors member and represented exemplary leadership upon which this award was established.

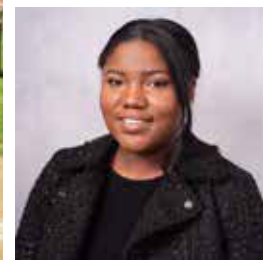
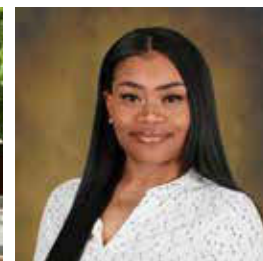
For full article please visit pharmacy.howard.edu

CONGRATULATIONS TO HOWARD UNIVERSITY COLLEGE OF PHARMACY ON HUCOP PRECEPTORSHIP PROGRAM

Communications in partnership with Pfizer to Advanced Pharmacy Practice Experience (APPE)

We are very excited to announce HUCOP students Jennifer Duru and Hadiya Strong as APPE preceptors in the inaugural 2021 Global Regulatory Affairs (GRA) APPE preceptorship program. This program was created through Pfizer's Global Regulatory Equity in Action Team (GREAT) as a focused and direct approach to increasing the representation of black colleagues within the regulatory science profession and strengthening the diversity of the future Pfizer talent pipeline.

Right: Dean Tofade poses with Dr. Earl Ettienne who has worked hard to develop key partnerships in service of our students. Thank you!; Top-R: Jennifer Duru; Bottom-R: Hadiya Strong



CONGRATULATIONS TO STUDENTS AND FACULTY MEMBERS ON BEING SELECTED AS WALMART SCHOLARS 2021

Over the past 16 years, AACP and Walmart have demonstrated a commitment to helping colleges and schools of pharmacy to ensure there are adequate numbers of individuals that are well-prepared for the

healthcare industry. HUCOP is very proud to recognize our outstanding students and faculty for being selected this year. Please help the College of Pharmacy celebrate their outstanding achievements.



Mariecus Jarvis
Class of 2022



Malaika Turner
Faculty Mentor



Stephanie Reid
Class of 2022



Sanaa Belrhiti
Faculty Mentor

Professionalism Recognition Award Recipients 2019-2020 – September 2020



Larry E. Roberts Jr.
Class of 2023



Ndidj Okoh
Class of 2022



Lynn Lirazan
Staff



Dr. Simon Wang
Faculty Mentor



Adam Hussain
Class of 2020



Julio Ramirez
Class of 2021

PHARMACEUTICAL COMPOUNDING LABORATORY WEEK



Marathon:

- 69 Students
- 27 Laboratory Sessions
- 9 Prescriptions
- More than **600** Products dispensed by the students

Challenge: In May, with CDC social distancing guidelines still in place, a class size of 69 posed a significant challenge.

Solution: We had to expand our existing laboratory space and utilize Dr. Karodeh's lab space (Thank you, Dr. Karodeh). We divided the class into three groups of 23 students and organized three separate lab sessions every day.

Rigor: The lab sessions were organized from 9:30-11:30 am, 12:30-2:30 pm, and 3-5 pm every Monday, Tuesday, Thursday, and Friday. Wednesday was a lab preparation day. We made sure the assigned lab spaces and times were fixed for all students to enable contact tracing should a student report positive (Thank you, Dr. Pather, for personally taking time to visit the lab along with me and supervise the arrangements. Thank you, Lynn and Jasmine, for excellent help with marking student spaces). Each student used the same space each time they returned to the lab.

Due to the limited number of equipment of the same type that we have, the short duration of each lab and to reduce students moving around within the lab, we pre-weighed all the required chemicals. This was done with the help of the teaching assistants who are our graduate students. (Thank you, Perpetue, Bharati, and Rachel – Pictured Top Left) We printed the prescription information and assembled all required materials at the student's bench space.

Safety: We screened every student, upon entry, for body temperature. The instructor personally verified their COVID-19 test result. Any non-compliant student would have been denied entry but, fortunately, all students were compliant. (Thank you, Leslie Washington, for excellent help with documenting all student temperatures and test status). We made sure the students were six feet apart, always wearing masks, and provided face shields for all students. We made sure the work areas were thoroughly wiped with disinfecting wipes after every lab session.



Temperature, Bison Safe App, and Covid Test Result verification.

THE TEAM

Faculty

Dr. Emmanuel Akala

>> (Labs 1 and 2 - Powders and Capsules)

Dr. Simeon Adesina

>> (Lab 3 - Aqueous Solutions and Syrup)

Dr. Indiran Pather

>> (Labs 4 and 9- Non-Aqueous Solutions and Medicated Lollipops)

Dr. Pradeep Karla

>> (Labs 5 and 6 – Suspensions and Emulsions, Suppositories)

Dr. Krishna Kumar

>> (Lab 7 – Ointment Bases)

Dr. Olu Olusanya

>> (Lab 8 – Medicated Ointments)

Lab Assistance

Lirazan Rodelyne and
Jasmine Taylor

Facilities Coordinator

Lirazan Rodelyne

Teaching Assistants

Perpetue Baker,
Bharati Mandala, and
Rachel Mayaka

Course Coordinator

Dr. Pradeep K. Karla



Dr. Akala



Dr. Adesina



Dr. Pather



Dr. Kumar



Dr. Olusanya



Dr. Karla

Student Feedback:

Yohanes Temteme, Class President

"Compounding lab hands on experience was great. I was able to make medications that are easier for use, such as lollipop. Also alternative medication dosage forms such as suppositories and ointments."

Garrard Baker, Class Student

"The pharmacy school made some very wise COVID-19 adjustments this academic year to their live pharmacy compounding sessions. Having the live labs in May of this year allowed time and opportunity for all students to be COVID-19 vaccinated beforehand. The accreditation required labs actually were an enjoyable welcome back to campus rejoining opportunity for students who had been in remote all virtual mode for 14 months."

Dean Tofade Feedback:

"Your (Dr. Karla) execution of the compounding course with your team was most exemplary. Thank you for implementing strict standards for ALL students."



Above: Pizza Party: (Celebrating Team Effort and Student Safety);
Top Photos: Physical Demonstration of Suppositories Lab to the
Students



DR. YOUNESS R. KARODEH AND DR. BABATUNDE OSUN ENDOWED SCHOLARSHIP AWARD 2020-21 Scholarship Award Recipients



**Fatoumata D.
Bayo**



**Ayebabaraghoemi
Daniels**



**Uzoamaka I.
Uwechia**

Dr. Youness R. Karodeh and Dr. Babatunde Osun Endowed Scholarship Award

Established in spring 2018, Dr. Youness R. Karodeh and Dr. Babatunde Osun Scholarship is a limited funding available to and for use by “Awardees” for Traveling to American Society of Health System Pharmacists (ASHP) Mid-Year Meeting for participating and completing Residency and Fellowship Interviews. Drs. Karodeh and Osun recognize the importance of Postgraduate Residencies. Training that are becoming an increasing popular option as the competition in the job mark increases. The additional years of training may provide better preparation for a specific position in a soft employment market currently face by some graduates. Furthermore, residency training also provides the opportunity for interprofessional collaboration, instills personal and professional confidence, provides avenues in which to advocate for the profession of pharmacy, and broadens clinical decision-making abilities. With the profession of pharmacy becoming an increasingly clinical focused profession, residency training enables a pharmacy to practice at the “top of their license” and provide exceptional patient care. It can also enable a pharmacist to



Dr. Karodeh

become a sought-after candidate by employers. Drs. Karodeh and Osun endowed scholarship is committed to supporting and celebrating the accomplishments of the College of Pharmacy (COP) graduates. Drs. Karodeh and Osun endowed scholarship strives to make a difference in the lives of deserving students, future pharmacist, to financial assist and support awardees achieve their dream of receiving a Postgraduate Residency Trainings prior to joining the COP alumni community. Dr. Karodeh and Osun are pleased to offer three (3) scholarships to three (3) outstanding P-4 students in the entry level of PharmD program who are planning to attend ASHP Mid-Year Meeting and participate and complete interviews for postgraduate residency training programs. Dr. Karodeh and Osun endowed scholarship is administered and governed by Drs. Karodeh and Osun (both Alumni of HUCOP), in the spirit of giving back to their Alma Mater.

Youness R. Karodeh, BSc Pharm, PharmD, RPh
Assistant Dean and Associate Professor
NTDP and External Programs
Howard University College of Pharmacy

Howard University College of Pharmacy

Dr. Karodeh received the Bachelor of Science B. Pharm, Degree in Pharmacy from Howard University College of Pharmacy, Washington, DC, in 1986, and the Doctor of Pharmacy Degree from Shenandoah University, in Winchester, Virginia in 2001. Dr. Karodeh started serving College of Pharmacy in a Community Preceptor capacity

in 1990 and continued throughout his adjunct faculty appointment in 2001. In 2002 he was appointed as the Director of Non-Traditional Doctor of Pharmacy (NTDP) Degree Program, a Distant Learning for Working Pharmacist, which was offered for the first time by Howard University

Continued on page 22



Graduation Class



2020 & 2021

College of Pharmacy and continues to be offered to this date. Dr. Karodeh has spent most of his professional life Precepting, Teaching and Mentoring students. Dr. Karodeh has been active in publishing pharmacy related articles, papers, abstracts and presenting posters in national and international professional meetings and conventions in addition to be the Editorial Board of Archives of Pharmacy Practice, he is also a recipient of sizable grants and awards. Dr. Karodeh's Passion for improved quality of life through education has enabled him to extensively travel and speak in Pharmacy Continuing Education programs throughout the country and the world, including; Kuwait, Ethiopia, India, Iran, just to mention a few. Dr. Karodeh is currently serving his Alma Mater in different capacities; Assistant Dean for External and NTDP programs, Associates Professor, and Director of the Nontraditional Doctor of Pharmacy (NTDP) Degree Program.

Dr. Babatunde Osun, Pharm.D, R.Ph is a two-time graduate of the esteemed Howard University College of Pharmacy. He completed his first degree in 1982. He enjoyed the Howard Pharmacy and experience so much so that in 2003 as a seasoned



Dr. Osun

pharmacist he enthusiastically decided to pursue a PharmD degree. He completed the PharmD program with high regards in 2005. Dr. Osun embody what it means to serve the Howard University community as well as the community at large. While working for The Veterans Affairs Hospital as a Clinical Specialist in Primary Care and Surgical I.C.U., he worked with countless Howard University traditional and non-traditional pharmacy students for more than 27 years. In addition to helping students' growth and development, he recognizes the importance of giving back to Howard University College of Pharmacy. As a result, he committed to donating a sizable annual cash gift to the College of Pharmacy to the College of Pharmacy of help contribute to the profound education and resources. Dr. Osun has a sincere love and passion for the success of Howard University College of Pharmacy. He appreciates the dedication Howard University College of Pharmacy has shown in providing the best foundation for champion pharmacist throughout the many decades of its existence.

Babatunde Osun, PharmD, R.Ph
Washington DC VA Medical Center. NW.
Washington, DC

Thank you Dr. Karodeh and Dr. Osun for your continued commitment to supporting and celebrating the accomplishments of the College of Pharmacy Students as they strive to make a difference in the lives of deserving students and future pharmacists.

Congratulations to

**DR. DRAME AND DR. JORDEN ON THEIR CONTRIBUTIONS TO
ASHP'S DIVERSITY, EQUITY, AND INCLUSION CERTIFICATE PROGRAM**

HUCOP CONTINUING EDUCATION SECTION IS THE SECTION ENTITLED "RACE"



Imbi Drame
PharmD
Manager, Non-traditional Doctor of
Pharmacy Program
Clinical Assistant Professor



Jamila J. Jorden
PharmD, MBA
Director of Experiential Program and
Clinical Assistant Professor

APHA VACCINE HESITANCY CAMPAIGN

HUCOP faculty are featured and shared videos at the vaccine clinic are now up on the APhA website: Drs. Unonu, Turner, and Lajthia discuss vaccination hesitancy



Jacquise Unonu
PharmD, AAHIVP
Clinical Assistant Professor
Career and Professional Development
Coordinator



Malaika R. Turner
PharmD, MPH
Clinical Assistant Professor



Estela Lajthia
PharmD, CDCES
Clinical Assistant Professor
Career and Professional Development
Coordinator
Department of Clinical & Administrative
Pharmacy Sciences

Please view link: <https://pharmacy.howard.edu/articles/apha-vaccine-hesitancy-campaign>

HUCOP Students and Alumni participated with Children's National Hospital in partnering with the DC Public School Association to give over 4,000 Pfizer Covid vaccines to District of Columbia public school teachers ahead of schools opening. This event took place at Dunbar High School at the end of January 2021.



Pictured: Nneka Okafor (P4) with one of the Pediatric nurses, drawing up Pfizer vaccines in the Med Rec Room at Dunbar High School.; Pictured: Dr. Johnny Yoko-Uzomah (HUCOP Alumnus '18), Operations Supervisor, and observer, teaching one of the pediatric nurses the proper technique for mixing the Pfizer BioNTech vaccine.; Pictured from right to left: Dr. Balmir, VP and Chief of Pharmacy with Kathy Gorman, Executive VP and Chief Operating Officer assisting with drawing up hundreds of Pfizer doses before administration.

Faculty, P4 students, and residents participated in the COVID-19 vaccination clinic Feb 2021 at Howard University Faculty Practice Plan Clinic - vaccinations provided to District of Columbia residents and Howard University employees.



Above (l to r): Derrick Amenyedior, Dr. Imbi Drame, Uzoamaka Uwechia, Dr. Monika Daftary, Marriam Nasserjah (PGY-1 Resident) and a Dental Hygiene student



Above (l to r): Uzoamaka Uwechia, Derrick Amenyedior, Dr. Tamara McCants, and Marriam Nasserjah (PGY-1 Resident HUH).; Bottom photos: Dean Toyin Tofade gets Vaccinated by Dr. Gina Brown, Dean of Nursing and Allied Health Sciences

CONGRATULATIONS STUDENTS ON COMPLETION OF INTENSIVES!



Top: 2021 May Graduates and Dean; Above: Students ready for Intensives!

THANK YOU, FACULTY, ALUMNI, STAFF, AND STUDENTS FOR YOUR HARD WORK AND DEDICATION!



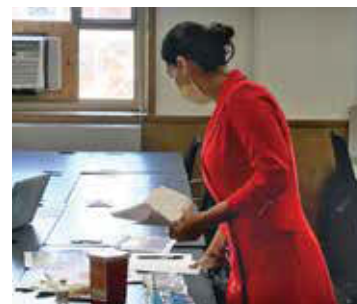
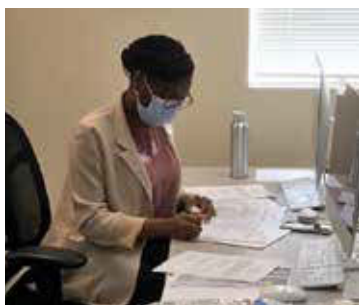
Left to Right: Ms. Washington takes Dr. Karodeh's temperature in compliance with the University's COVID-19 policies as part of the preparation for intensives; Dr. Salome Weaver after a week of Intensives!; Dr. Daftary captures a photo of Faculty during intensives.

HUCOP WOULD LIKE TO EXTEND OUR SINCERE APPRECIATION TO THE PLANNING COMMITTEE FOR THE APRIL 2021 INTENSIVE WEEK



- Drs. Turner,
- Law,
- Lajthia,
- Rung,
- Unonu and
- Yabusaki.

Thank you also to all faculty, post-graduate trainees, staff, and P4 students who assisted in making sure the week was successful.



Photos above: Students in action during intensives!; Bottom Left: Student practices administering vaccination during intensives!



Pictured above: Faculty and students serving at the COVID vaccine clinic.



Dr. Yolanda McKoy-Beach (center) and her KE students and friends served at the COVID vaccine clinic.

Great Job Students!

THE HUCOP OFFICE OF CONTINUING PROFESSIONAL EDUCATION

The HUCOP Office of Continuing Professional Education in collaboration with the Capital City Pharmacists Medical Reserve Corp (CCPMRC) hosted an APhA Immunization Certificate Training Event



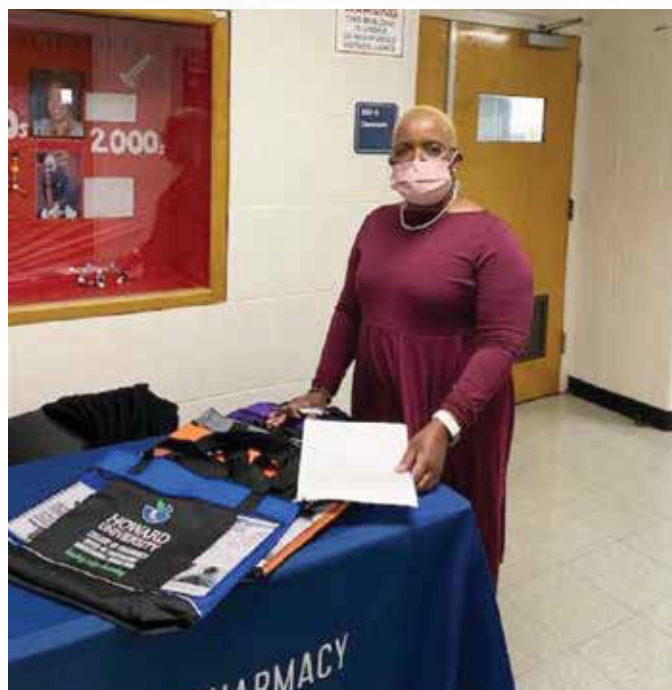
Mrs. Anthea Francis
Coordinator of the HUCOP Office of CPE



Upon successful completion of their injection demonstration, participants were gifted with a HUCOP Office of CPE bag and notebook and a Pocket Guide for Safe Opioid Prescribing. This pocket guide was commissioned by the Mayor of the District of Columbia and DC Health and was authored, designed, and published by the HUCOP Office of CPE in collaboration with the physician, Dr. Edwin Chapman, HUCOP Alumni Drs. Raniya Al-Matari and Jasmine Carpenter & AllWrappedUp marketing and graphic design team.



Above and below: The trainees were greeted by HUCOP Facilities Manager, Mrs. Rodelyne Lirazan who took their temperature and confirmed compliance with the University's COVID-19 policies.



Dr. Yolanda McKoy-Beach

CELEBRATING DECADES AT HOWARD

Professor Bisrat Hailemeskel joined Howard University as an Assistant Professor in 1997. Five years later, he was promoted to Associate Professor with tenure and in 2018 he became a Full Professor. For the past two years, Professor Hailemeskel has served as the co-chair for the Clinical and Administrative Pharmacy Sciences department. As a co-chair, he is also responsible for overseeing the Colleges' Office of Continuing Professional Education. Prof. Hailemeskel is a well published researcher with over 100 citations. He is given numerous speeches, talks and interviews on TV and radio, and he's presented his research at national and international conferences.



Dr. Hailemeskel

PEPFAR through AIHA to establish clinical pharmacy services in Ethiopia jointly with Addis Ababa University (AAU). As a result of his involvement, AAU's pharmacy program curriculum was modernized, and universities across Ethiopia used their model of success to launch other clinical pharmacy education programs. In addition, he was instrumental in establishing a graduate program in clinical pharmacy at AAU and established the first Drug Information Center in the country. Before coming to Howard, he received his B. Pharm and MSc degrees from AAU and his PharmD degree from University of Toledo. He currently resides in Silver Spring, MD with his wife and two kids.

Professor Hailemeskel led the pharmacy college's first international rotation for senior pharmacy students as a part of a multi-year grant from

Bisrat Hailemeskel, B.Pharm., MSc, Pharm.D, RPh
*Professor & Vice-Chair
Clinical & Administrative Pharmacy Sciences
College of Pharmacy, Howard University*

Dr. Fredric A. Lombardo has had academic appointments in the Department of Clinical and Administrative Pharmacy Sciences, School of Pharmacy, Howard University. He has additional appointments in the College of Medicine in the Departments of Psychiatry, Community Medicine and Family Practice, Neurology, and Infectious Diseases at Howard University. He is on the faculty of the Howard University Cancer Center as well as the Center for Sickle Cell Disease at Howard University. In addition to the Howard University appointments, he has adjunct faculty appointments in the Graduate School of Nursing, The Uniformed Services University of the Health Sciences, the Graduate School of Nursing, The Catholic University of America, the Department of



Dr. Lombardo

Pharmacology, The Graduate School at the National Institutes of Health (FAES), and Creighton University, and adjunct faculty appointments at the University of Maryland. Dr Lombardo is licensed to practice pharmacy in Pennsylvania, Virginia, Texas, and the District of Columbia. He has been board certified in Pharmacotherapy, Nutritional Support Pharmacy, and Psychotherapeutics, as well as Oncology Pharmacy through the Board of Pharmaceutical Specialties (BPS), and board certified in geriatric pharmacy through the Commission for Certification in Geriatric Pharmacy (CCGP). He is a Fellow of the American Society of Consultant Pharmacists. He is a member of the Expert Committee on Oncologic Diseases for the USP Convention.



Dr. Lombardo has received numerous research awards to include the Upjohn Research Award, the American Society of Health-System Pharmacist Research and Education Foundation Award for the Outstanding Contribution to the Literature of Research Related to Pharmacy Practice in Organized Health Care Settings in 1994, the Outstanding Professor Award for 1997 graduating class from the School of Pharmacy, Howard University, and The Distinguished Faculty of the Year award from Howard University in 2006. He has numerous publications in the field of oncology pharmacy on subjects ranging from new drug development to the use of indwelling peripheral catheters for chemotherapy administration. Dr Lombardo has been active in telecommunications making appearances on various local television channels and making presentations via Telemedicine, Howard University. He has been Co-Host of the “Ask the Pharmacy Doctor” radio program on WWRC-980 AM as well as guest appearances on the Horizons program on WHUR 96.3 FM, Wash-

ington, DC. He has also been host on the “Medical Minute” on WHUT-TV Channel 32. Dr Lombardo is a core faculty in the Health Care Ethics course at Howard University, as well as teaching the Ethical, Legal, and Social Aspects of Medical Care at the F. Lee Hebert School of Medicine, The Uniformed Services University of the Health Sciences, Bethesda, Maryland. His research interests include Phase I and II studies of antineoplastics agents, the use of targeted therapies in malignant diseases, and clinical research in sickle cell disease. He is serving on the USP Expert Committee on Oncologic Diseases and has served on The Educational Committee of the American Society of Health-Systems Pharmacists. Dr Lombardo is also a serving member on the advisory committee for Medicaid for the District of Columbia’s Pharmacy and Therapeutics Committee. He also serves on the Georgetown-Howard Universities Center for Clinical and Translational Sciences; this includes The Scientific Evaluation and Prioritization Committee.

Dr. Muhammad J. Habib has 33 years of experience in academia as educator, researcher and administrator.

He is an ACPE trained accreditation evaluator and evaluated Pharm.D. programs of several US pharmacy schools and colleges. He also participated in the development and implementation of a new pharmacy program at the University of Kuwait. Presently Dr. Habib is a tenured full Professor serving as Associate Dean of Academic Affairs in the College of Pharmacy, Howard University.

After receiving his Ph.D. in Pharmaceutical Sciences from the University of Alberta Canada in 1987 and post-doctoral training at Florida A&M University, Dr. Habib joined Howard University, College of Pharmacy as faculty in 1988. He was promoted to Associate Professor with tenure in 1992. He moved to Kuwait University, Faculty of Pharmacy in 1998 as Professor and Chairman. Dr. Habib returned to Howard University in 2000 and assumed the chairmanship of the department in 2002. He received several research grants from agencies like National Institute of Health (NIH), Parenteral Drug Administration, Pharmaceutical Companies and University Grants Program which resulted in 154 publications and abstracts in peer-reviewed national and international journals. He has published books and contributed chapters in books. His research



Dr. Habib

background is in formulation, drug delivery and dosage developments, process analytical technology (PAT) and quality by design (QBD). He has been invited to give scientific presentations to industries, government and professional organizations. He has offered refresher course on Pharmaceutical Drug Delivery to scientists of Food and Drug Administration located in Rockville, Maryland, USA.

Dr. Habib was instrumental in establishing a research based private university in Bangladesh in 2015, the International University of Scholars (IUS) and served as the founding Chairman of the Board of Trustees of IUS for about 3 years. The university serves the disadvantaged community of Bangladesh by offering full scholarships and individualized tutorial programs to those in need. Among many awards, Dr. Habib has received, the HU faculty author’s award, College of Pharmacy distinguished faculty service award and outstanding leadership award from AABPS are notable. He has served as a consultant on Pharm.D. curriculum nationally and internationally. Currently he is serving as academic editor and reviewer of several professional research journals.

Dr. Habib lives in Burtonsville, Maryland with his wife and three children.

Continued on page 37 – My 20 Years Journey at HUCOP

ALUMNI NEWS

HUCOP WELCOMED DR. JEREMY McLEMORE, CLASS OF 2017, WHO VISITED AND VOLUNTEERED WITH STUDENT INTENSIVES



Pictured left: HUCOP Drs. Daftary, Tofade, and Turner had the privilege of welcoming Dr. Brian McLemore, (MSL for Abbvie, Class of 2017) as he came to assist with the Intensives for the College.; Middle: Dr. Jeremy McLemore '17 shares his graduation photo from HUCOP in 2017!; Right: Dr. Daftary poses with Dr. McLemore.



Dr. Karodeh

"Over the past two decades, I have been a recipient of quite a few heartwarming success stories from our graduates, but this one truly speaks to our mission. I thought you would appreciate hearing about one of our NTDP graduate from Cohort-16 and what he has been doing since graduating in fall 2019. I will let the pictures tell the story.

Howard University's 153 years of serving the mankind has fruited in countless success stories here and abroad. The College of Pharmacy has



Ousmane Kouyate, PharmD, MPH, MPharm, BPharm, RPh – NTDP Graduate

and continues to remain a pivotal force in providing 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 who upon graduation go on and provide leadership in the dynamic and challenging fields of pharmaceutical and clinical sciences across the globe.

Over the past two decades, NTDP Program has been added instrument in providing working professionals an opportunity to achieve their goals and become leaders in the four corners of the world. Case in point is Dr. Ousmane Kouyate, who after the graduation in fall 2019, decided to go back to his home country of Mali and built from ground a community Pharmacy in a village not far from the capital city. It took him over 8 months to build the pharmacy and just finished two weeks ago and now is fully operational. GO BISON!

Many CONGRATULATIONS to my student and Colleague Dr. Ousmane Kouyate who has truly rolled up his sleeves and made all of us so PROUD! GO BISON. Also, many Congratulations to our "Pharmily" for making all of this possible!"

— Youness R. Karodeh, Pharm. D., R. Ph, Assistant Dean and Associate Professor, NTDP and External Programs



ALUMNI PAGE

PLEASE CONGRATULATE HUCOP STUDENTS FOR RECEIVING THE HOWARD UNIVERSITY PHARMACY ALUMNI ASSOCIATION SCHOLARSHIP AWARD

2020-21 PharmD Scholarship Recipients



**Jaeyson
Washington**
P1



**Kuang-Heng
(Jason) Hsiao**
P2



**Dagmawit
Betru**
P3



**Andrea
Bush**
P4



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

"These scholarship recipients will also serve as College of Pharmacy liaisons on the HUPAA Executive Board and work on projects that strengthen the network and engagement of students and alumni. The Howard University Pharmacy Alumni Association seeks to maintain and grow the pride, honor, and awareness of alumni participation at the student level while cultivating a culture of inclusion in the College of Pharmacy as we prepare students for lifelong service to the Howard University community and the pharmacy profession. Congratulations to the 2020-21 PharmD Scholars!"

— Earl Ettienne, BSc Pharm, MBA, LP.D, RPh, 2020-2021 HUPAA Executive President

ALUMNI WORKING IN THE COMMUNITY

HUCOP is vaccinating the community at Grubbs Pharmacy

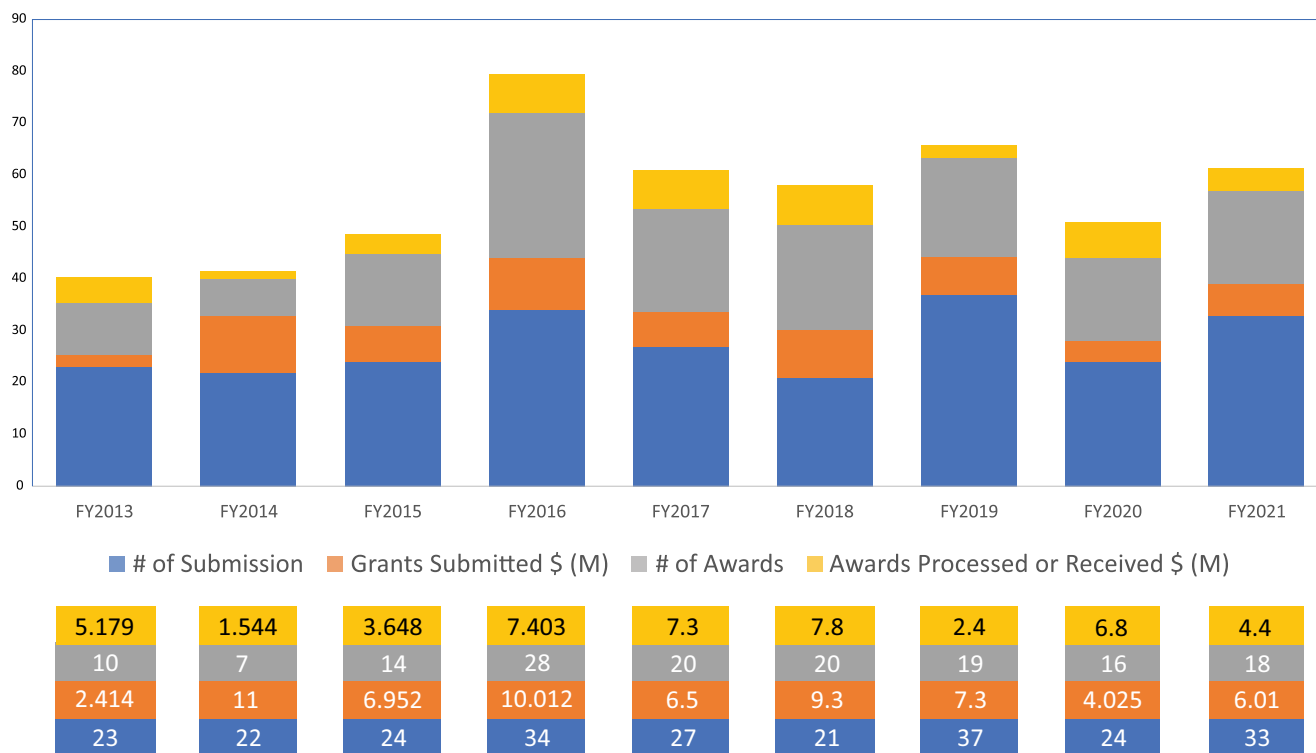
This past week faculty and staff were on hand to provide vaccinations at Grubbs Pharmacy located in Washington DC. Grubbs Pharmacy owner and alumnus, Dr. Michael Kim '98 along with his wife Dr. Joan Kim, continue to serve the district by providing vaccinations. Dr. Unonu '10 and Patrick Fotso '21 were on hand at Grubb's Care Pharmacy Ambulatory Care rotation site in NE DC, where they are providing COVID-19 antibody, 24-hour turnaround PCR, and 20-minute turnaround rapid antigen testing to the community in the district, in addition to COVID-19 vaccinations. Also, on hand was Dr. Damika Walker '15 for the awesome event!

Pictured right (l to r): Dr. Jacquise Unonu with Dr. Patrick Fotso, Class of 2021



FACULTY PRODUCTIVITY

GRANT PRODUCTIVITY HOWARD UNIVERSITY COLLEGE OF PHARMACY



FACULTY PUBLICATIONS

- Abebe M, Hailmeskel B (2021) Universal Gas Constant of Volatile Liquids. Arch Nat Med Chem 6: 125. DOI: 10.29011/2577-0195.000125. Obtained from: <https://www.gavinpublishers.com/articles/review-article/Archives-of-Natural-and-Medicinal-Chemistry/universal-gas-constant-of-volatile-liquids>. Accessed Date: 4/15/2021.
- Abebe M, Musenge P, Benjamin NA, and Hailmeskel B. Implementation of Virtual Laboratory Platform to Study Human Buffer Solutions in the Era of COVID-19. Educ Res 2020: 177. DOI: 10.29011/2575-7032.100177. Obtained from: <https://www.gavinpublishers.com/articles/research-article/Educational-Research-Applications/implementation-of-virtual-laboratory-platform-to-study-human-buffer-solutions-in-the-era-of-covid-19>. Access Date: 7/14/2020.
- Abbey-Berko Y, Fisusi FA, Akala EO. Fabrication of Paclitaxel and 17AAG-Loaded Poly- ϵ -Caprolactone Nanoparticles for Breast Cancer Treatment J Pharm Drug Deliv Res 10 (1):1-11(2021)
- Amini S, Iheme K, and Hailmeskel B. First-Year Pharmacy Students Knowledge and Opinions of Residency or Fellowship Training After a Pharm.D. Biomed J Sci & Tech Res 33(4)- 2021. BJSTR. MS.ID.005440. Obtained from: <https://biomedres.us/pdfs/BJSTR.MS.ID.005440.pdf>. Accessed date 4/16/2021.
- Awuonda MK, Akala E, Wingate L, Weaver SB, Brown K, Williams-Fowlkes C, Tofade T. Evaluating Impact of a Pre-matriculation Success Program on Academic Performance at a Historically Black Institution. American Journal of Pharmaceutical Education. 85(4):1-8 (2021)
- Campbell C, Miller B, and Hailmeskel B. Pharmacy Students' Knowledge and Opinion of Business and Financial Management. Biomed J Sci & Tech Res 33(5)-2021. BJSTR. MS.ID.005466. Obtained from: <https://biomedres.us/pdfs/BJSTR.MS.ID.005466.pdf>. Accessed date 4/15/2021.
- Chaijamorn W, Rungkitwattanukul D, Pattharachayakul S, et al. Meropenem dosing recommendations for critically ill patients receiving continuous renal replacement therapy. J Crit Care. 2020;60:285-289.
- Chaijamorn W, Rungkitwattanukul D, Nuchtavorn N, et al. Antiviral Dosing Modification for Coronavirus Disease 2019-Infected Patients Receiving Extracorporeal Therapy. Crit Care Explor. 2020;2(10):e0242.
- Chen AMH, Armbruster AL, Buckley B, Campbell JA, Dang DK, Devraj R, Drame I, et al. Inclusion of Health Disparities, Cultural Competence, and Health Literacy Content in US and Canadian Pharmacy Curriculums. Amer J Pharm Ed. 2021 Jan;85(1). doi: <https://doi.org/10.5688/ajpe8200>
- Daftary MN, Jorden J, Habib M, Pather I, Tofade T. Implementing virtual experiences and remote assessments during the COVID19 pandemic: A college experience. Pharmacy Education (2020) 20(2) 54-55. <https://doi.org/10.46542/pe.2020.202.5455>
- Drame I, Connor S, Abrons J, Chen AMH. The importance of equity, ethics, and rigor in global health research. Res Social Adm Pharm. 2020 Nov;16(11):1509-1512. doi: 10.1016/j.sapharm.2020.08.024. Epub 2020 Sep 5. PMID: 32928655.
- Drame I, Kahaleh A, Connor S, et al. An Ethics-based approach to Global Health Research Part 3: Emphasis on Partnership Funding. Res Social Adm Pharm. 2020 Nov;16(11):1588-1596. doi: 10.1016/j.sapharm.2020.05.004. Epub 2020 May 16. PMID: 32466957.
- Drame I, Wingate L, Unonu J, Turner M, Taylor MD, Bush A, Jarvis M, Cawthorne TA. The association between students' emotional intelligence, cultural competency, and cultural Awareness. Curr Pharm Teach Learn. 2021 June. Doi: <https://doi.org/10.1016/j.cptl.2021.06.030>. Published online ahead of print.

14. Elekwachi O, Wingate LT, Clarke Tasker V, Aboagye L, Dubale T, Betru D, Algatan R. A Review of Racial and Ethnic Disparities in Immunizations for Elderly Adults. *J Prim Care Community Health*. 2021 Jan-Dec;12:21501327211014071. doi: 10.1177/21501327211014071.
15. Guirguis EH, Strachan DA, Danielson J, O'Sullivan T, Harrell K, Klepser D, Tofade T. Clinical Subject Exams during Advanced Pharmacy Practice Experiences. *J Amer Coll Clin Pharm* 2020; 1-4. DOI: 10.1002/jac5.1336. September 1, 2020
16. Jonkman LJ, Nonyel NP, Law MG, Drame I. An Ethics-based Approach to Research in Global Health: A Call to Action for Pharmacists. *Res Social Adm Pharm*. 2020 Nov;16(11):1569-1573. doi: 10.1016/j.sapharm.2020.07.032. Epub 2020 Aug 1. PMID: 32826185.
17. Law M, Drame I, McKoy-Beech Y, Adesina S. A Six-Semester Integrated Pharmacy Practice Course Based on Entrustable Professional Activities. *Amer J Pharm Ed*. 2021 Jan;85(1): doi: <https://doi.org/10.5688/ajpe848017>
18. Lin X, Sajith AM, Wang S, Kumari N, Choy MS, Ahmad A, Cadet DR, Gu X, Ivanov AI, Peti W, Kulkarni A, Nekhai, S. Structural Optimization of 2,3-Dihydro-1H-cyclopenta[b]quinolines Targeting the Noncatalytic RVxF Site of Protein Phosphatase 1 for HIV-1 Inhibition. *ACS Infect Dis*. 2020 6(12); 3190-3211. doi: <https://doi.org/10.1021/acsinfectdis.0c00511>
19. Liu L, Daftary M, Alzahrani M, Ohanele C, Maneno MK. Barriers to the Treatment of Hepatitis C among Predominantly African American Patients Seeking Care in an Urban Teaching Hospital in Washington, D.C. *Journal of National Medical Association*. 2020 28;S0027-9684
20. Montague T, Townsend T, and Hailemeskel B. Evaluating the Goals and Visions of First Year Pharmacy Students Five Years After Graduation. *Biomed J Sci & Tech Res* 33(4)- 2021. BJSTR. MS.ID.005442. Obtained from: <https://biomedres.us/pdfs/BJSTR.MS.ID.005442.pdf>. Accessed date 4/15/2021.
21. Nwokochah C, Robinson C, and Hailemeskel B. Knowledge and Opinion of First-Year Pharmacy Students About Herbal/Dietary Supplements. *Biomed J Sci & Tech Res* 33(5)-2021. BJSTR. MS.ID.005467. Obtained from: <https://biomedres.us/pdfs/BJSTR.MS.ID.005467.pdf>. Accessed date 4/15/2021.
22. Ofoegbu A, Ettienne, E.B. Pharmacogenomics and Morphine. *The Journal of Clinical Pharmacology*. 2021 April 8, DOI: 10.1002/jcph.1873
23. Ojo C, Rizi SS, and Hailemeskel B. Impact of A Previous Academic Background in Coping Up with the Pharmacy School. *Biomed J Sci & Tech Res* 33(4)-2021. BJSTR. MS.ID.005441. Obtained from: <https://biomedres.us/pdfs/BJSTR.MS.ID.005441.pdf>. Access Date 4/15/2021.
24. Qin, T; Zhu, Z-H; Wang, X. S.; 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
25. Rose, K., Grant-Kels, J., Ettienne, E., Tanjinatus, O., Striano, P., & Neubauer, D. COVID-19 and Treatment and Immunization of Children—The Time to Redefine Pediatric Age Groups is Here. *Rambam Maimonides Medical Journal*. 2021 March 25.
26. Rose, K., Grant-Kels, J., Ettienne, E., Tanjinatus, O., Striano, P., & Neubauer, D. (2021). Comment on: A review of the experience with pediatric written requests issued for oncology drug products. *Pediatric Blood & Cancer* 2021 February 22. <https://doi.org/10.1002/pbc.28972>
27. Rose, K., Tanjinatus, O., & Ettienne, E. B. (2021). The Term “Juvenile Idiopathic Arthritis (JIA)” is Misleading. It Will not be Sufficient to Just Replace this Term. *Pharmaceutical Medicine* 2021, Jan. 16 <https://doi.org/10.1007/s40290-021-00379-8>.
28. Rose, K., Tanjinatus, O., Grant Kels, J., Ettienne, E. B., Striano, P., & Neubauer, D. Minors and a Dawning Paradigm Shift in “Pediatric” Drug Development. *The Journal of Clinical Pharmacology*, 2020 December, 23.
29. Rungkitwattanukul D, Chaijamorn W, Charoensareerat T, et al. Optimal levofloxacin dosing regimens in critically ill patients with acute kidney injury receiving continuous renal replacement therapy. *J Crit Care*. 2021;63:154-160.
30. Rungkitwattanukul D, Yabusaki A, Singh D, et al. COVID-19 vaccine hesitancy among African American hemodialysis patients: A single-center experience. *Hemodial Int*. 2021;10.1111
31. Sayed BA, Posey DL, Maskery B, Wingate LT, Cetron MS. Cost effectiveness analysis of implementing tuberculosis screening among applicants for non-immigrant U.S. work visas. *Pneumonia (Nathan)*. 2020 Dec 25;12(1):15.
32. Srinivasan M, White A, Chaturvedula A, Vozmediano V, Schmidt S, Plouffe L, Wingate LT. Incorporating Pharmacometrics into Pharmacoeconomic Models: Applications from Drug Development. *Pharmacoeconomics*. 2020 Oct;38(10):1031-1042.
33. Tofade T, Loiacano AJ. More diversity in pharmacy begins with affordable education. *Drug Store News*. October 2020. Available at, <https://drugstorenews.com/more-diversity-pharmacy-begins-affordable-education> accessed February 22, 2021. [Throughout]
34. Tofade T, GTMRx National Task Force: Building Vaccine Confidence in the Health* Neighborhood Report | June 2021 Report and Recommendations to the GTMRx National Task Force - Get The Medications Right
35. Tofade T, ASHP Taskforce Recommendations on Racial Diversity Equity and Inclusion <https://www.ashp.org/-/media/assets/about-ashp/docs/DEI-Task-Force-Recommendations.ashx?la=en&hash=AA729ADCA18B-D035A44809E66CA7AA360861EDDO>
36. Weaver SB, Habib MJ, Wingate LT, Awuonda M. Determination of Predictors Impacting Performance on the Third Year Pharmacy Curriculum Outcomes Assessment (PCOA) at a Historically Black College of Pharmacy. *Curr Pharm Teach Learn*. 2021;13(6):652-658.
37. White A, Srinivasan M, Wingate L, Peasah S, Fleming M. Development of a pharmacoeconomic registry: an example using hormonal contraceptives. *Health Econ Rev*. 2021 Mar 20;11(1):10.
38. Xia, J.; Jin, H-W.; Liu, Z-M.; Zhang, L-R.*; Wang, X. S.* A unique ligand-steered strategy for CCR2 homology modeling to facilitate structure-based virtual screening. *Chemical Biology & Drug Design* 2021; doi:10.1111/cbdd.13820
39. Xia, J.; Wang, Z-Y.; Huan, Y.; Xue, W-J.; Wang, X.; Wang, Y-X.; Liu, Z-M.; Hsieh, J-H.; Zhang, L-R.; Wu, S.*; Shen, Z-F.*; Zhang, H-M.*; Wang, X. S.* Pose filter-based ensemble learning enables discovery of orally active, nonsteroidal farnesoid X receptor agonists. *J. Chem. Inf. Model*. 2020; doi:10.1021/acs.jcim.9b01030
40. Yabusaki AA, McKeirnan KC, Neumiller JJ. Teaching advanced pharmacy practice experience students to be effective teachers of second-year pharmacotherapy students. *Curr Pharm Teach Learn*. 2021;13(6):678-682

POSTER AND PODIUM PRESENTATIONS

1. Akala EO. Poster Presentation: “Design, Fabrication, and Evaluation of Dual-Loaded Biodegradable Nanoparticles for Breast Cancer Treatment” at the Virtual 13th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and Medically Underserved (October 2-4, 2020).
2. Akala EO. Poster Presentation: “Computer Optimization of Stealth Biodegradable Polymeric Dual-Loaded Nanoparticles for Cancer Therapy using Central Composite Face-Centered Design”. 2020 Defense TechConnect Virtual Innovation Summit & Expo, co-located with the TechConnect Business Virtual Summit and SBIR/STTR Virtual Innovation Conference (November 17-19, 2020).
3. Ahmed N, Okany N, Singh D, Weaver SB. Rates of opioid misuse amongst patients receiving management for chronic sickle cell disease in an urban setting. Poster accepted at: APhA Virtual Annual Meeting 2021 Mar 12 - 15.
4. Akers J, Hughes J, Nagel A, Robinson K. Developing a Prescriber’s Mindset for Advanced Pharmacist Roles and Interprofessional Teaching. Accepted for Virtual 2020 AACP Annual Meeting. July 2020.
5. Akiyode, O. Navigating Cultural Competency, Health Literacy & Numeracy in DC Population. Association of Diabetes Care & Education Specialists. June 2021. Webinar.

6. Akiyode, O. Emotional Intelligence Workshop. Student National Pharmaceutical Association, Regional Meeting. March 2021. Webinar.
7. Akiyode, O. Cultural Competency for Diabetes Care. Association of Diabetes Care & Education Specialists. December 2020. Webinar.
8. Akiyode, O. Turning Hardships into Strengths: Advancing Learning During COVID-19. Howard University CETLA Faculty Forum. September 2021. Webinar.
9. Arif S, Edwards A, Nguyen K, Drame I, Wang S. "Xenophobia in Health-care: A Focus on Immigrant Health & Culture." Webinar Panel Discussion. American Association of Colleges of Pharmacy. May 2021.
10. Arif S, Kahaleh A, Law M, Malhotra J. Developing Global Partnerships for Pharmacy Education. Invited Webinar Speaker. January 2021.
11. Ayuk, P. Medication Therapy Management Services- APhA Pharmacist Training-Webinars. Feb/May 2021
12. Ayuk, P. COVID-19 Vaccines & Self Care. Keynote Speaker Webinar. Health fair 2021
13. Ayuk, P. Managing OPIOID Use in Young Adults-Pharmacist Advise. Radio talk. Bethel World Outreach Church. June 2020
14. Ayuk, P. Infectious Disease Aspects of COVID-19. Boomerang Radio Show. April 2020
15. Ayuk, P. Taking Care of Under-represented Communities during the COVID-19 Pandemic. ACCP HDCC Sig Webinar 2020
16. Ayuk, P. Women's Health Initiative. Keynote speaker, HU APhA-ASP Webinar- Women's Health Week-2020
17. Ayuk, P. Breast Cancer: Holistic Approach to Optimal Prevention & Management. Keynote speaker Harvest Intercontinental Church, Women's Health Awareness Seminar-2020
18. Browne K, Rungkitwattanakul D, Yabusaki A, Awounda M. The incidence of drug induced acute kidney injury. Poster presentation: 55th Virtual ASHP Midyear Clinical Meeting and Exhibition; 2020 Dec 6-10.
19. Chen A, Drame I, Planas L, et al. Health Disparities, Cultural Competence, and Health Literacy Content Integration in US and Canadian Pharmacy Curricula. Abstract. American Journal of Pharmaceutical Education. 2020 July; 84(6): 746-837. Poster. AACP Annual Meeting, July 2020 (virtual)
20. Chen AMH, Connor S, Drame I, Arakawa N. "RSAP Webinar: Building International Pharmacy and Health Services Research Collaborations." Webinar. Research in Social and Administrative Pharmacy. March 2021.
21. Drame I. Team Building Workshop HU SNPhA, Notre Dame of MD SN-PhA, and HU Alumni Association. Virtual. March 2021.
22. Drame I. Elevating Your Brand: How to Secure that Dream Job. HU APhA-ASP. Virtual. October 2020.
23. Drame I, Wingate L, Unonu J, Turner M, et al. The Impact of Competency Training on Pharmacy Students' Emotional Intelligence, Cultural Competency and Cultural Awareness. Abstract. American Journal of Pharmaceutical Education. 2020 July; 84(6):746-837. Poster. AACP Annual Meeting, July 2020 (virtual)
24. Drame I. "Effects of Systemic Racism on Medical Decision-Making." Accepted for American Society of Health Systems Pharmacists Diversity, Equity, and Inclusion Certificate Program. June 2021.
25. Duru J, Turner C, Drame I, Wingate L, Amugsi J. Characterizing Hepatitis B Viral Infection amongst Pregnant Women in the Builsa North District of Ghana. Poster. 55th ASHP Midyear Clinical Meeting and Exhibition, December 2020 (virtual)
26. Ettienne, EB "Fireside Chat – Real Talk: COVID-19 Vaccine Uptake & Hesitancy." Diaspora Health Coalition Community Vaccine Townhall, February 25, 2021.
27. Ettienne, EB "Vaccine Hesitancy in the Black Community." African Canadian Heritage Association, January 29, 2021.
28. Ettienne, EB "Academia Takes on COVID-19: Effective Strategies for Teaching, Research and Service during the challenges of the Pandemic" Interprofessional Faculty and Staff Development Seminar, University of Maryland, Eastern Shore, December 2, 2020.
29. Ettienne, EB "Thriving as a Pharmacy Professional in 2020 and Beyond." 2020 NPhA/SNPhA Conference, November 8, 2020.
30. Ettienne, EB "Pharmacy as a Career, Leading Change in 2020 and Beyond." School of Mathematics and Natural Sciences, Arizona State University, October 1, 2020.
31. Geadion Y, Okafor N, Weaver SB, Wingate LT. Analyzing Pharmacy Student's Knowledge of Sickle Disease and Awareness of Sickle Cell Trait Status at a Historically Black College and University (HBCU). Poster accepted at: 55th Virtual ASHP Midyear Clinical Meeting and Exhibition; 2020 Dec 6-10.
32. Hailemeskel, B. Best Practices on Expired Medication. Presented at the People-To-People Webinar entitled: Mitigating Dual Health Care Challenges: Pandemic and Armed Conflict. December 12, 2020. Webinar
33. Hailemeskel B. Traditional Medicine Regulations in the USA. EPPAD/EPA Educational series. Zoom Webinar. August 2020.
34. Hailemeskel B (Moderator): Opioid Use in Hospice Patients. July 2020. EPPAD/EPA Educational Series. Webinar.
35. Hailemeskel B. Opioid Crisis in the Era of Covid-19. July 2020. EPPAD/EPA Educational series. Webinar.
36. Hayes, J. M.; Wang, X. S. Combination of physics-based simulation and machine learning to assess the effect of SARS-CoV-2 mutations on Remdesivir. Machine Learning in Science & Engineering Virtual Conference 2020. (Dec. 2020)
37. Henry A, Eze, O, Weaver SB, McKoy-Beach Y, Wang S, Akiyode A, Tofade T. Make It V-Real: Applying Virtual Reality Technologies to the PharmD and Prospective Student experience. School Poster accepted at: 121st AACP Virtual Annual Meeting, July 13 – 31, 2020. Am J Pharm Educ. 2020; 84(6):article 8219. College Poster
38. 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 31, 2021, (Virtual).
39. Kumar K., Employment Embedded education, Opportunities for Pharm. D. students, IACP Indian Congress of Pharmacy Practice -2020 & Fourth Convention of the Indian Association of Colleges of Pharmacy, Global Convention, August 2020 (Invited)
40. Kumar, K. Population Pharmacokinetics: Impact of CYP2C19 genetic polymorphism on population pharmacokinetics of sertraline (Zoloft)—HUCOP Graduate/faculty Seminar, March 2021.
41. Kumar Krishna, Howard University, Morris Tommy, Xavier University of Louisiana, and Vadlapatla Rajesh, Marshall B. Ketchum University. Strategies to reinforce Mathematical Skills Among Pharm.D. students. AACP Annual Meeting, Virtual Pharmacy Education 2020 <https://virtual-pharmed2020.aacp.org/meetings/virtual/GZRhvs8E4WNXhysMB>
42. Lajthia E. What do we know thus far on the impact of COVID19 in patients with diabetes? Washington Metropolitan Society of Health System Pharmacists (WMSHP) CE event. August 2020.
43. Lajthia E. Tobacco cessation case presentation. CE event. DCRx and Department of Health DC Collaboration.
44. Law M, Drame I. Enhancing Cultural Safety for LGBTQ Patients. ACPE Accredited Continuing Education. Howard University College of Pharmacy. Washington DC; February 2021.
45. McCants T. 5 Tips To Effectively Incorporate Diversity & Inclusion At Your Workplace Maryland Pharmacy Association 2021 Mid-Year Meeting, February 2021.
46. McCants T. COVID-19 Vaccines: What Pharmacists Need to Know TODAY Continuing Education Program National Diamondback Pharmacy Alumni Council, February 2021.
47. McCants T. Pharmacist's Role in Addressing Substance Abuse Continuing Education Program Magnolia State Pharmaceutical Society, Virtual Conference, October 2020.
48. Turner M and Drame I. "Diversity That Matters Part II: Taking the First Step Toward Diversity, Equity, and Inclusion." Accepted for American Pharmacists Association Webinar Series. June 2021.
49. Obinyan T, Lajthia E, Reid S, Okoh N, Awuonda M. Assessing the satisfaction and impact of telemedicine in minority patients with diabetes during a pandemic. ASHP Midyear Clinical Virtual Meeting December 2020.
50. Ohanele C. Emezienna N. Daftary M, Awounda M, Rungkitwattanakul D. Predictor of 30-day hospital readmission among minority patients receiving maintenance hemodialysis. Poster presentation: The American Society of Nephrology Kidney Week conference; Oct 2020.
51. Owens, T., Grant-Mills, D., Robinson, K., Edwards, J. Banks, F. Howard Forward: The Culture of Interprofessionalism and Advocacy for Health Equity. Interprofessional Education and Collaboration. Interprofessional Education Collaborative Virtual Institute. May 27, 2021.

52. Pather I. HyFlex Compounding – A Response to Lab Needs under COVID-19 Conditions. A session in the International Pharmacy Federation (FIP) webinar, Remote Laboratory Courses Across Pharmacy Schools During COVID-19: Are You Ready? Held on 14 July 2020. https://drive.google.com/file/d/1LM9HwegHL2IPte1Ci1VXf_xrPYQ2fbd/view
53. Paudel, S.; Wang, X. S. Pose filter-based machine learning tools to enhance structure-based drug discovery for G protein-coupled receptors. Machine Learning in Science & Engineering Virtual Conference 2020. (Dec. 2020)
54. Perrier A, Rungkitwattanukul D. Systematic review of the polymyxins: Efficacy and Dosing. Poster presentation: 55th Virtual ASHP Midyear Clinical Meeting and Exhibition; 2020 Dec 6-10.
55. Rao B, Blankenship C, Bejugam D, Karla PK. Improving Emergency Department Throughput using Explainable Artificial Intelligence. Healthcare Systems Process Improvement Conference; Feb 2021, Orlando, FL.
56. Robinson, K. Ten Tips to Becoming an Effective Clinical Preceptor. Washington Metropolitan Society of Health System Pharmacists Teaching Certificate Program. February 24, 2021.
57. Robinson, K. Building the "Dream Team:" An Interprofessional Collaborative Approach to HIV Pre-exposure Prophylaxis. PrEP & Treatment as Prevention: An Interprofessional Approach to Ending The HIV Epidemic, Interprofessional Education Session. February 27, 2021.
58. Rungkitwattanukul D. Renal function assessment in transgender patients with HIV. Washington Metropolitan Society of Health-System Pharmacists Webinar Series. February 2021.
59. Seo S, Law M, Kahaleh A, Gleason S, Tofade T. Closing the gap on global competencies for pharmacy education using ASHP and EAHP statements. 80th FIP World Congress for Pharmacy and Pharmaceutical Sciences, Virtual Event; September 2020
60. Tofade T. Leading People – Transitioning from Academic to Administrator. Lifelong Learning in Pharmacy 2021. 13th International Conference. Theme: The Journey of Learning. June 27-30, Dublin, Ireland (Virtual Hosts).
61. Tofade T. Digital Health: The role of Pharmacists. The 5th International Congress of CiiEM, Almada, Portugal (Virtual Hosts).
62. Tofade T. Keynote presentation-Rho Chi Society UNC Chapel Hill, NC
63. Tofade T. Maintaining your own life balance (or personal-professional integration) as a dean. AACP Interim Meeting Facilitator
64. Tofade T. Increasing enrolment in higher education to strengthen and improve the pharmacy profession. FIP Digital Event. Academic Institutional Members
65. Tofade T. FIP & AACP Global Academic Leadership Online Program. Theme: Enhancing Your Academic Leadership Horizons in Trying Times. Topic: Impacts of COVID-19 on Pharmacy Education
66. Tofade T. Testimonial. Christian Pharmacists Fellowship of Nigeria Annual National Convention.
67. Tofade T. Facing Public Health Emergencies in the Pharmacy profession: The academic Pharmacy approach. International Pharmacy Students Federation, E-Conference Panelist
68. Tobias A, Segunmaru Z, Bayo F, Weaver SB, Wingate LT. Assessing Sickle Cell Disease Patient's Interest in Medication Therapy Management and Pharmacy-led Initiatives. Poster presentation: 55th Virtual ASHP Midyear Clinical Meeting and Exhibition; 2020 Dec 6-10.
69. Turner M. Remote Laboratory Courses Across Pharmacy Schools During COVID-19: Are you ready? Presented at: FIP Webinar Series. July 2020.
70. Turner M. Panel Moderator. AACP Equity, Diversity, and Inclusion Institute. January 2021.
71. Turner M. COVID-19 Overview: Dispelling the Myths & Closing the Healthcare Gap. Howard University CE event. February 2021.
72. Turner M. COVID-19 Overview: Dispelling the Myths & Closing the Healthcare Gap. Community Pharmacy Enhanced Services Network (CPSEN). March 2021.
73. Turner M, Law MG, Lajthia E, Jorden J, Owens T, Slack A, Smith L, Starke D. Development of a Simulation Center Escape Room for Third Year Doctor of Pharmacy Students. Presented at the International Pharmaceutical Federation (FIP) World Congress 2020.
74. Unonu, J. Health Disparities in Pharmacy Practice within the Community- Let's Brainstorm for Solutions. University of California, Irvine School of Pharmacy & Pharmaceutical Sciences. June 2021.
75. Unonu, J. Invited Speaker for National Association of Chain Drug Stores Awareness Video. COVID-19 Vaccine- Trust among Black Americans. January 2021.
76. Unonu, J. Ensuring Socially Vulnerable Populations Receive COVID-19 Vaccinations. February 2021.
77. Unonu, J. NCPA's Amerisource Bergen Thoughtspot. Bringing Health Equality into the Culture of Your Pharmacy (Recording June 2021).
78. Unonu, J., Purnell, M., Shahid, M. Session Speaker. Faculty Development: Perspectives from Three Minority Serving Institutions. University of Maryland Eastern Shore Teaching and Learning Conference 2021. May 2021.
79. Wang S, Weaver SB, McKoy-Beach Y, Caldas L, Wijesinghe D, Tofade T. Make it V-Real: Incorporating virtual and augmented reality technologies into PharmD curriculum to improve content delivery and student performance. Webinar accepted at: 121st AACP Virtual Annual Meeting, July 13 – 31, 2020.
80. Weaver SB, Daftary M, Turner M, Wingate LT. Evaluation of faculty inter-variability OSCE grade scoring on overall student performance in a laboratory course. Poster presentation: 121st AACP Virtual Annual Meeting, July 13 – 31, 2020. Am J Pharm Educ. 2020; 84(6):article 8220.
81. Williams, S.; Wang, X. S. MUBD-SARS-CoV-2: The development of benchmarking data sets for drug screening approaches targeted against COVID-19. HU 2021 Graduate School Doctoral Research Conference. World Wide Web (Mar. 2021)
82. Yabusaki A, Hoang H, Perea N. "All generations work the same. Fake news!" Educational session at AACP Annual Meeting 2020.

GRANTS RECEIVED

1. Adesina S.K. (PI). National Institute of General Medical Sciences, National Institutes of Health GRANT12630547. Stealth Brusatol and Docetaxel-loaded Nanoparticles for Targeted Prostate Cancer Therapy. Award amount \$888,375 for 3 years.
2. Adesina SK. Novel Method of Polymeric Nanoparticle Fabrication for Cancer Treatment and Other Drug Delivery Applications – filed on November 25, 2020; Provisional Patent Application Number 63/118,078.
3. Akala EO. Stealth nanoparticles. US Patent Application. Publication No. US 202/00163884 A1.
4. Bond V, Kumar K. (Co-PI) RCMI P3Gene-Physical Activity Interaction on Energy Expenditure in Obese African American Women: \$100,000, 8/1/2017-12/31/2021.
5. Daftary MN (Co-PI) 7/1/2020 – 6/30/2021 – MidAtlantic AIDS Education and Training Center Howard University Regional Partner Site subcontract from University of Pittsburgh, Graduate School of Public Health. Funded for \$277,000 (\$263,000 initial funding plus \$14,000 carryover) for MAI. (Principal Investigator: Linda Frank, PhD – University of Pittsburgh)

6. Daftary MN (Co-PI) 4/1/2020-3/31/2021 - MidAtlantic AIDS Education and Training Center- Howard University Regional Partner Site subcontract from University of Pittsburgh, Graduate School of Public Health. Funded for \$40,000 FY 2020-2021 COVID 19 and HIV Initiative (Principal Investigator: Linda Frank, PhD – University of Pittsburgh)
7. Ettienne EB Principal Investigator: 1798 Consultants Fellowship Grant in Global Market Access and Commercialization. 2021-2022.
8. Ettienne EB, Principal Investigator, Awounda M, Wingate L Co-Investigators Jansen Fellowship Development in Medical Information/Medical Affairs/Real-World Value and Evidence; 2021-2023.
9. Ettienne EB, Abbvie Fellowship Development in Medical Affairs and Medical Information 2021-2022
10. Ettienne EB, Principal Investigator, McCants T, Co-Investigator: AstraZeneca Fellowship Development in Medical Affairs/Oncology 2021- 2023
11. Ettienne EB, Principal Investigator Genentech, Fellowship Development in Regulatory Policy 2020 – 2023.
12. Ettienne EB Principal Investigator Awounda M Co-Investigator GlaxoSmithKline/Howard/FDA Regulatory Affairs/Policy Fellowship Grant, Renewed 2020
13. Ettienne EB Principal Investigator Howard University/ Pfizer Pharmaceuticals Regulatory Affairs/Policy Fellowship Grant, Renewed 2020:
14. Hailemeskel B -PI, Anthea Francis-Co-PI. Monika Daftary, Youness Karodeh, Mary Maneno, Salome Weaver, Patricia Ayuk, and Jacquise Unonu. Food & Drug Administration (FDA)/RPC. Howard University Opioid and Naloxone Administration Training Symposium for Pharmacy Professionals: 2021/2022. Grant ID: EG-001014 YR 2021 – 2023. Role: Principal Investigator Amount: \$117,100.00.
15. Johnson M-PI, Drame I Co-investigator. Title: DC DOH- Care Transformation Grant. "Improving Outcomes for Young Women in Primary Care." 2019-2021. Grant ID: CHA.DCFP 09.21.1 Award Amount: \$350,000 over 3 years.
16. Karla PK, Center Director and Collaborator, Howard University Research Center for Minority Health and Health Disparities (2U54MD007597-31) –\$ 2225 support from Howard University RCM Grant – Southerland W (PI) – April 2019 – Mar. 2023 (Total Grant Funding - \$ 17.3 million).
17. Law M, Principal Investigator Howard University/Chemonics Global Pharmacy Practice Fellowship Grant. 2021.
18. McCants T Principal Investigator Walgreens/Howard Community Pharmacy Residency Program, Renewed 2020 (\$50,000).
19. McCants T, Principal Investigator, Wingate L, Co-Investigator, Rungkitwattanukul D, Co-Investigator Carefirst BlueCross Blues Shield/Howard University PGY1 Managed Care Pharmacy PGY1 Residency Program, Renewed 2020 (\$150,000).
20. McCants T, Principal Investigator, McKoy-Beach Y, Co-Investigator, Carrion A, Co-Investigator, National Association of County and City Health Officials, 2021 (\$10,000).
21. Pather I. and Woldemariam TZ. Using edible carriers to produce Curcuma extracts for oral and topical use. US Patent No. 10,973,778; Issued April 13, 2021.
22. Rungkitwattanukul D-PI, Ives A Co-PI. District of Columbia Center for Aids Research. Grant ID: M-0042R: Role: Principal Investigator Amount \$10,000
23. Tofade Toyin, COVID 19 HRSA Telehealth Center for Excellence Supplement grant \$150,000, Award # 4 T1NHP39164 01 01 FAIN# - T1N39164
24. Tofade Toyin – PI, FHI 360 Nigeria. Strategic HIV/AIDS and TB Response Program (SHARP), Award amount \$450,000
25. Tofade Toyin -PI, Co-director Dr. Mary Awounda, Health Resources and Services Administration (HRSA) Centers of Excellence grant (COE) D34HP16042-09-00 Award amount \$664,327/700,000 annually for 5 years.
26. Tofade Toyin - PI, Co-director Dr. Mary Awounda, NWDP grant (National Workforce Diversity Program), 1 CPIMP151110-01-00 Award amount \$500,000
27. Truong Hoi-an (PI), Franklin C- (Co-Investigator), Bresette JL, Purnell M, Rodriguez-Weller N, Shaeffer G, Nonyel N. Maryland Agricultural Education and Rural Development Assistance Fund - July 2020 (\$100,000).
28. Truong Hoi-an (PI), Franklin C- (Co-Investigator), Bresette JL, Purnell M, Rodriguez-Weller N, Shaeffer G, Nonyel N. Maryland Office of Minority Health and Health Disparities- July 2020 (\$148,000).
29. Unonu, J (PI). Community Pharmacy Foundation & CPESN USA Flip the Pharmacy Grant. August 2020 (\$24,300).
30. Wang X. Open Eye Scientific Software, Inc. Gift of Academic License (Sep. 5, 2014 – present). Retail value – \$10,000 annually.
31. Wang X. Baotou Medical College Talent Training Fund (Nov. 1, 2019 – Oct. 31, 2020) Role: Research Mentor (0% Effort) Total direct costs: \$19,200. Project title: Artificial Intelligence to Improve Drug Design
32. Wang X. Penner Family Experiences Grant (May 1, 2020 – Jul. 31, 2020) Role: Research Mentor (0% Effort), Total direct costs: \$4,950, Project title: Artificial Intelligence to Improve Drug Design

AWARDS

1. Akala EO. AACR Minority and Minority-Serving Institution Faculty Scholar in Cancer Research Award" by AACR-Minorities in Cancer Research (MICR) Council, October 2020
2. Akiyode, OA. 2021 Provost's Distinguished Service Award, Howard University
3. Daftary MN. 2021 Excellence in Leadership, Howard University International Women's Day Honoree
4. Daftary MN. 2021 Provost's Distinguished Service Award, Howard University
5. Drame I. Research in Social and Administrative Pharmacy's "Top Reviewers" for the year 2020. November 2020
6. Rungkitwattanukul D. Service Award. Washington Metropolitan Society of Health System Pharmacists. November 2020
7. Tofade Toyin. 2021 Pharmacy Alumni Association Distinguished Service Award, University of North Carolina Eshelman School of Pharmacy
8. Tofade Toyin. 2021 Excellence in Leadership, International Women's Day Honoree. Howard University
9. Weaver S. Fellow of American Society of Consultant Pharmacists (ASCP), FASCP: November 2020
10. Weaver S. AACP Walmart Scholars Program Faculty Mentor Award Recipient: July 2020
11. Kumar K. Provost's Distinguished Service Award, Howard University, April 2021.
12. Pather I. Provost's Distinguished Service Award, Howard University, April 2021.
13. Wang X. Professionalism Recognition Award, HU COP (2019 – 2020)
14. Wingate LT. 2021 Provost's Distinguished Service Award, Howard University
15. Wingate LT. 2021 Distinguished Faculty of the Year. Howard University College of Pharmacy Alumni Association.

In Memoriam

NORMA JENKINS STEWART, RPH



*O*n behalf of the Office of the Dean, it is with deep sadness that we report on the recent passing of Board of Visitors member, colleague and friend, Norma Jenkins Stewart, philanthropist, humanitarian, passionate volunteer, senior executive retiree of the Government of the District of Columbia, and proud resident of Prince George's County, Maryland, passed away on Monday, July 26, 2021. A native Floridian, Norma was a generous donor, dedicated alumna of the Howard University College of Pharmacy where she served on the Board of Visitors since 2012.

We are grateful for Norma Jenkins Stewart significant contributions to the College of Pharmacy, and we are indebted to her service as a distinguished leader. The Howard University and College of Pharmacy community will continue to keep the Stewart family in our thoughts and prayers.

MY 20 YEARS JOURNEY AT HUCOP *Continued from page 29*

On Monday, July 2, 2001, I started my journey at Howard University College of Pharmacy as Assistant Professor. Since my initial appointment, I was promoted to Associate Professor in 2007, Director of Professionalism and Professional Development in 2013, and Full Professor in 2016. It has been so wonderful as I have grown and matured in so many ways over the years both personally and professionally. I joke that this is my first real job—as a full time professional. I initially started practice in community pharmacy at Morton's Pharmacy where I precepted students and provided clinical services to DC residents. I later joined the Howard University Hospital Outpatient Medicine team to provide medication therapy management to adult patients in May 2004. Then in August 2007, I served as the founding pharmacist at the newly established Diabetes Treatment Center at Howard University Hospital where I provided direct pharmacotherapy services along with a multidisciplinary team to patients with diabetes. I transitioned to my current role as Assistant Dean of Student Affairs 10 years later in 2017. I am a strong proponent of continuing professional development, and as such I am currently board certified in pharmacy spe-



Dr. Akiyode

cialty and certified diabetes care and education specialist. I completed the American College of Clinical Pharmacy Leadership and Management Certificate Program in 2013-2014. Furthermore, I am currently completing the coveted American Association of College of Pharmacy Academic Leadership Fellows Program.

Most importantly, I have been privileged to teach, precept, and mentor so many students over the last 2 decades who have inspired me. Nevertheless, I did not accomplish these achievements on my own as it took a village of administrators, faculty, and staff to support me. I want to specially thank Dr. Olu Olusanya who served as the department chair throughout my tenure from Assistant Professor to Full Professor for his support and guidance. I appreciate the mentoring received from Dr. Anthony Wutoh, now Provost of Howard University. I also would like to thank Drs. Patricia Ayuk and Wallene Bullard for their friendship and support over the years. I truly thank all faculty and staff over the years for their support. Truly, Howard is a very special place. I had no idea that Monday morning on July 2, 2001 that I would be here this long. But I am so thankful to God!

COLLEGE DONORS



DEAN'S CIRCLE GIVING DATA

DIAMOND \$25,000 - \$49,999

JOHNSON & JOHNSON FAMILY OF COMPANIES	\$30,000.00
MINNIE BAYLOR-HENRY	\$25,000.00

PLATINUM \$10,000 - \$24,999

HP, INC. PAC CHARITABLE GIFT	\$15,000.00
------------------------------------	-------------

GOLD \$5,000 - \$9,999

THOMAS HARRISON	\$5,000.00
FRANCES HARRISON	\$5,000.00
CHARITIES AID FOUNDATION OF AMERICA	\$6,500.00
IFEDAPO OLAJIDE	\$5,000.00
ALBERTSONS	\$5,000.00
ASTRAZENECA LP	\$5,000.00
CVS HEALTH FOUNDATION	\$5,000.00
WALGREEN CO.	\$5,000.00

SILVER \$2,500 - \$4,999

ANTHONY WUTOH	\$2,800.00
LAVERNE CARNEGIE	\$2,500.00
REBECCA WHITTICO	\$2,500.00
YOURCAUSE, LLC	\$2,500.00

BRONZE \$1,000 - \$2,499

HOWARD UNIVERSITY PHARMACY ALUMNI ASSOCIATION	\$2,000.00
FRANK BROWN	\$1,970.00
TOYIN TOFADE	\$1,800.00
CAROLE BROADNAX	\$1,500.00
PAUL SMITH	\$1,020.00
LATODORA WILLIAMS	\$1,344.00
DIANE MONIZ-REED	\$1,200.00
MERYLN CRANDON-ENYI	\$1,000.00
ZETTA LEFTRIDGE	\$1,000.00
BRENDA J. SKILLMAN	\$1,000.00
BENEVITY	\$1,000.00
ESKENAZI HEALTH FOUNDATION, INC.	\$1,000.00
SVETKEY - VAN DER HORST FUND	\$1,000.00



Thank You TO OUR 2020-2021 SPONSORS

TINH DO	\$966.90	WALLENE BULLARD-BATTLE.....	\$ 120.86
KNIKKI PENDLETON.....	\$600.00	PATRICIA JACOB	\$ 100.00
FAITH BLOUNT-THOMPSON.....	\$500.00	TOVAH BRILL	\$ 100.00
JANICE JACQUES	\$500.00	LEONARD EDLOE.....	\$ 100.00
SHERMAN WHITE	\$500.00	SYLVIA JACKSON.....	\$ 100.00
MARC WRIGHT.....	\$500.00	RALONDA JASPER.....	\$ 100.00
THE BLACKBAUD GIVING FUND/YOURCAUSE	\$400.00	BERTY REID	\$ 100.00
LEAH SMITH.....	\$400.00	MARIA VANDERGRIF	\$ 100.00
ALFRED JENKINS	\$352.00	JOHN WARE.....	\$ 100.00
LILLY GOLSON	\$300.00	IBM INTERNATIONAL FOUNDATION	\$ 100.00
JULIE OWENS	\$275.00	TONNA ALIMOLE	\$ 80.00
DIONNE CUNNINGHAM.....	\$250.00	JESSICA VIDA.....	\$ 75.00
CLARENCE CURRY.....	\$250.00	PATRICIA WANZER-BURGESS	\$ 75.00
METROPOLITAN CARIDOVASCULAR CENTER INC... \$250.00		CHRISTOBELLE LEBLANC.....	\$ 50.00
NAANA DONKOH.....	\$ 170.24	JANINE TALBERT.....	\$ 50.00
ALANA WHITTAKER.....	\$ 152.00	KIMBERLY RAINS.....	\$ 25.00
LEROY BRADLEY	\$ 150.00	PATRICIA JACOBS.....	\$ 10.00

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

Or send your check to
Howard University
Attn: College of Pharmacy
P. O. Box 417853
Boston, MA 00241-7853

<https://pharmacy.howard.edu/alumni-and-friends/giving-hucop>

The Annual Report giving data is based on a report from the Office of Development and Alumni Relations for donations made between July 1, 2020 – June 30, 2021.

Thank you for supporting the College of Pharmacy.



HOWARD
UNIVERSITY

College of Pharmacy

155
YEAR
ANNIVERSARY

155th Commemorative Celebration Alumni Roll Call

Would you like to know what your classmates have been up to?
Well, here is your chance, as we celebrate 155 year of rich
Pharmacy history. We would love to hear from you!

PLEASE EMAIL

casandra.latney@howard.edu

TO SHARE YOUR HUCOP STORY...

SUBJECT LINE: ALUMNI ROLL CALL - 2022 — 155th Commemorative Celebration

- Full Name and Class Year
- Stories
- Photos
- Memories
- Shout Out Your Classmates and Faculty!



HOWARD UNIVERSITY
College of Pharmacy
2300 Fourth Street, NW
Washington, DC 20059

