Please continue to support the current and future efforts of your 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 for the College.

Please see our website for additional information (www.howard.edu).

Thank you!
COLLEGE LEADERSHIP

Dean
Anthony K. Wutoh, Ph.D., R.Ph

Assistant Dean
Daphne Bernard, Pharm.D.

Chair, Department of Clinical & Administrative Pharmacy Sciences
Olu Olusanya, Pharm.D.

Chair, Department of Pharmaceutical Sciences
Muhammad Habib, Ph.D.

Director of the Graduate Program
Euni Lee, Pharm.D., Ph.D.

Director of the Non-Traditional Doctor of Pharmacy Program
Youness Karodeh, Pharm.D.

Director of Development
Canute Knott-Malcolm, MPH

CENTERS
Center of Excellence
Anthony K. Wutoh, Ph.D., Director
Soon Park, Pharm.D., Co-Program Director
Celia Williams-Fowlkes, MA, Program Manager

Center for Minority Health Services Research
Anthony K. Wutoh, Ph.D., Center Director
Euni Lee, Pharm.D., Ph.D., Co-Center Director

Center for Drug Research and Development
Emmanuel Akala, Ph.D., Director

DC Developmental Center for AIDS Research (Multi-Institutional)
Alan Greenberg, MD, Director (George Washington University)
Gary Simon, MD, Co-Director (George Washington University)
Anthony K. Wutoh, Ph.D., Co-Director, Developmental Core

Alumni Association
Wallene Bullard, Pharm.D., President
Frederick Munford, MS, DMin, Alumni Liaison

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. Thank you!
It has been a very busy year in the life of the College of Pharmacy! The Accreditation Council for Pharmacy Education (ACPE) reaffirmed the accreditation of the College of Pharmacy during their January 18–22, 2012 meeting. The College is scheduled for regular accreditation site visit in October, 2012. Faculty, staff and students are engaged in the development of a self-study which will guide the accreditation visit. The most recent graduating class (Class of 2011) has achieved a 96.6% first-time passage rate on the NAPLEX (Pharmacy Board) examination. This exceeds the national average of 95.95% during the same period. A number of strategies have been implemented to maintain this high rate including; mandatory passage of a pre-board exam to qualify for graduation, continuous program improvement, and increased emphasis on board review preparation.

In the area of research and scholarship, the College has placed greater emphasis on the procurement of external funding from research and/or training grants, funds for scholarships, and endowment funds. To date we have secured well over $15 million dollars (5 year funding period) in funding from external sources. Of note, several faculty received NIH funding to conduct research focusing on HIV/AIDS treatment and prevention. The Center of Excellence continued to be supported by the Health Resources and Services Administration (HRSA), providing research opportunities and support services for students, fellows and faculty. The SID-HAS project in Nigeria was funded through a $12 million, 5 year grant from USAID. This is in addition to a CDC-funded SCHARPS project also funded for implementation in Nigeria. In South Africa, we received a $2.5 million award (CDC, 5 year) for a Pre-Antiretroviral therapy (Pre-ART) project to place in care newly diagnosed HIV patients. We also received continuation funding for our ROADS HIV prevention activities in Eastern Africa. Locally, several faculty have received funding through the DC-Developmental Center for AIDS Research (D-CFAR) to develop the next generation of HIV researchers, in collaboration with George Washington University, Georgetown University, American University, the Veteran's Administration (VA) Hospital, and Children's National Medical Center.

Our students, faculty and staff continue to be actively engaged in service to the community and the nation. Student members of Kappa Epsilon fraternity hosted an annual Breast Cancer Survivors Luncheon where they recognized women who have courageously fought against his disease, and donated proceeds to the Howard University Cancer Center. On a national level, Pharmacy students, and coordinators of our Health Policy Course were recognized by Congress for their role during a Congressional hearing regarding the “Preserving our Hometown Independent Pharmacies Act of 2011”. We have provided a record amount of scholarships to students. Scholarships exceeding a total of $750,000 was provided to deserving students through the generous support of our alumni, friends and institutional corporate sponsors. We look forward to your continued support. Thank you again, and God bless!

Anthony K. Wutoh, Ph.D, R.Ph., Dean & Professor
Mission & Goals

Consistent with the mission of Howard University, the mission of the College of Pharmacy is to provide pharmaceutical education of excellent quality to students with 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 primary goals of the College of Pharmacy are:

- To recruit, train and educate qualified African-American and other ethnically diverse minority students to assume leadership roles in pharmacy.
- To produce skilled pharmaceutical care practitioners, proficient pharmaceutical scientists and competent educators to meet the challenges of the profession and society.
- To recruit and retain a cadre of faculty dedicated to teach and mentor students, conduct research and pursue other scholarly activities that contribute to the growth and development of basic and clinical pharmaceutical sciences.
- To provide postgraduate and continuing professional education and community services that will enhance the quality of pharmaceutical care.
Pharm.D. Program
239 Total enrollment
74 Graduates (2012)
75 Entering class (Class of 2016)
28 Entering class (NTDP)

Ph.D. Program
21 Total enrollment
4 Graduates (2012)
4 Entering class

Academic Training
6 Postdoctoral fellows
5 Graduate fellows

Grants and Contract Funding
- $5,000,000+ Total Externally funded (2011-2012)
- Domestic and international projects currently funded by NIH, AHRQ, CDC, USAID, PEPFAR, Total Lifestyle Change.

Scholarships
(Pharm.D.)
> $786,000.00 Total Dollars Awarded
180 Total number of scholarship awards

(Ph.D. – Chauncey Cooper Scholarships)
$50,000 Total Dollars Awarded
5 Total number of scholarship awards

Faculty
27 Full Time
2 Part Time
200 Preceptor Faculty

New Faculty
Clinical & Administrative Pharmacy Sciences
Earl Ettienne, Ph.D.

Staff
19

- International Projects currently in progress in; Ethiopia, Kenya, Nigeria, Rwanda, South Sudan, South Africa, Tanzania, Uganda.
- 21 Peer Reviewed Publications, 6 Book Chapters, 82 Research Presentations, 4 Patents Pending
Alumni: The Driving Force Behind the Facts and Statistics

Support from alumni plays a critical role in the life of Howard University College of Pharmacy. Many of our alumni provide their time, talent and resources to support the college's mission. In fact, financial support from alumni was one of the reasons the college was able to provide a record amount of scholarships to students during the last academic year. From the Howard University Pharmacy Alumni Association to recent graduates, such as Dr. Ashanta Brady (class of 2012), our alumni continue to support the college through various mechanisms.

On Tuesday, June 19, 2012, Dr. Wallene Bullard, president of the Pharmacy Alumni Association, and several members of the executive committee, presented a check in the amount of $10,000 to the college. The funds were raised during the Annual Alumni Weekend and Scholarship Gala, which was held in April, 2012 in Greenbelt, Maryland. In accepting the donation, Anthony K. Wutoh, PhD, Dean of the College, stated the “college is deeply indebted to the alumni association for its steadfast and consistent support.” The funds will support the Alumni Association Pharmacy Scholarship, which provides financial assistance to deserving students within the College.

In addition to the Alumni Association, many other alumni continue to give back. For instance, Dr. Leonard Edloe (Class of 71) made a donation which will allow the college to ultimately establish a Building Planning Fund, which will allow us to study the feasibility of launching a capital campaign to support the construction of a new building! And in May, a few days after graduating, Dr. Ashanta Brady (Class of 2012) became one of the first members of her graduating class to make a contribution to our alma mater.

Canute Knott-Malcolm, the director of development, stated “it’s always encouraging to see recent graduates giving back to the College. I think it is one of the most concrete testaments that their experience at the college was a worthwhile one.” In fact, Dr. Brady echoes a similar sentiment. When asked what prompted her decision to contribute to the College, she stated “the major factor was all of the dedicated professors. They all go above and beyond to ensure that we receive a high quality education. I will forever be indebted to Howard University.”

The faculty, staff and administrators of the college of pharmacy will continue to work with alumni to strengthen the College’s commitment to excellence and abundant growth. During the last year the College has enhanced its development infrastructure and has developed a plan which calls for more meaningful outreach and engagement with alumni. We remain dedicated to working with our alumni in support of current and future students. Dr. Brady, perhaps said it best, when she stated “giving back is a part of growing and maturing as a professional. It is unlikely that you can be successful without remembering and appreciating those who have been a part of your growth. There are a variety of ways one can contribute. I charge each and every one of my classmates to find a way to give back.” We wholeheartedly agree with Dr. Brady and look forward to continue working with all of our alumni.

“The major factor (in my decision to give back to the College) was all of the dedicated professors. They all go above and beyond to ensure that we receive a high quality education. I will forever be indebted to Howard University.”

Dr. Ashanta Brady (Class of 2012)
The College of Pharmacy's faculty continues to engage in cutting edge research in a variety of interest areas, including eye diseases, HIV/AIDS and chronic disease management. Their work continues to receive national attention and recognition. In fact, College of Pharmacy Professor Pradeep K. Karla, Ph.D., was awarded the prestigious New Investigator Award from the American Association of Colleges of Pharmacy (AACP) to do research on a process to better treat people suffering from eye diseases.

Karla, who joined the college in 2009, is one of 18 award recipients. Participants are investigating topics as diverse as medication self-management, treatment for cocaine addiction and withdrawal and the impact of Medicare payment cuts on the patients' treatment choices and the resulting outcomes.

Vincent Lau, Ph.D., vice president of research and graduate education at AACP, said the program provides seed money for new faculty investigators to establish their first independent pilot research project.

“We believe that each of the award-winning projects has great potential to inform pharmacy science and improve healthcare,” Lau said.

Karla’s research, entitled Modulation of MRP Drug Efflux for Improved Ocular Drug, concentrates on improving the effectiveness of eye medications delivered through drops. The efficiency of eye drop medication, such as those used to treat glaucoma, are reduced because of a multi-drug resistant protein that activates a pump in the eye that sucks away the liquid.

In glaucoma cases, this prevents the drops from staying on the eye long enough to penetrate the cornea. Consequently, the medication is less effective in the prevention of blindness and other eye-related illnesses.

A drug efflux pump inhibitor will permit the drops to stay on the surface of the eye longer and better penetrate the cornea, making the medication much more effective.

“I’m quite excited,” Karla said. “The award is going to give us a scope and offer us resources to explore. We hope the conclusions that we draw from this research proposal will help the scientific community develop potent drug treatment strategies for eye diseases.”

“I take great pride and appreciation in the continuous close involvement of our Deans in order to effectively address the current needs of each and every student. Here at Howard University, there is a great emphasis on personal development and professional growth; therefore, several of our organizations and faculty members strongly promote such cultivation of a well-rounded and established student.”

Porscha Johnson (P-3 Student)
The Center of Excellence at Howard University College of Pharmacy was approved for continuation funding by the Health Resources and Services Administration (HRSA). The grant provides over $3.4 million in financial support to the center through 2017.

Anthony K. Wutoh, Ph.D., R.Ph., the Program Director and Dean of the College of Pharmacy stated that the Center has been integral to the student support and faculty development activities of the College of Pharmacy.

“This grant will help the college maintain a pipeline of promising students and help to nurture their interest in health professional careers,” Wutoh said. “We are grateful for HRSA’s continued support and acknowledgement of the successes that we have accomplished as a program.”

The Center of Excellence was established in the College of Pharmacy in 2000 through a grant from HRSA. Soon Park, Pharm.D, an Associate Professor in the College of Pharmacy, is the co-Program Director. While the focus of the grant is on pharmacy as a profession, the program also supports health professional careers in other fields including medicine, dentistry, and nursing and allied health professions.

The Center provides resources that help the college address the nation’s shortage of pharmacists, particularly in underserved areas and areas with high rates of health disparities. The Center of Excellence will also increase diversity within pharmacy and other health professional areas.

Many racial or ethnic groups continue to be underrepresented in the field of pharmacy, said Canute Knott-Malcolm, director of development for the College of Pharmacy.

“The Center of Excellence stands as evidence of the College of Pharmacy’s steadfast commitment to educating diverse students with high academic, scholarship and leadership potential who will then use their skills to address racial and ethnic health disparities,” Knott-Malcolm said.

“Participating in the COE Research Program has proven to be a rewarding experience. This program offers the opportunity to have direct interaction with professors that would not otherwise present itself in a classroom setting. My confidence and critical thinking skills grew greatly as I conducted experiments independently. The COE Research Program allows student pharmacists to further cultivate the various skills needed to excel as well-rounded pharmacists.”

Buky Oriola (P-3 Student)
Each day in Africa, 6,000 people die from AIDS-related illnesses, and 11,000 people are infected with HIV, the virus that causes AIDS. In South Africa alone, more than 1 percent of nation’s population between ages 15 and 49 are infected with HIV/AIDS. More than 3 million women have the disease, 330,000 children are infected with it and nearly 2 million children have become orphans because of it. In response to this global pandemic, the President’s Emergency Plan for AIDS Relief funded several HIV prevention and treatment projects in Africa, including the Regional Outreach Addressing AIDS through Development Strategies (ROADS) and the Global HIV/AIDS Initiative Nigeria (GHAIN & SIDHAS) projects.

Each of these programs are operated by the Howard University College of Pharmacy, in collaboration with Family Health International and several other partners. Howard’s role in both programs is to educate and train pharmacists and auxiliary workers, such as pharmacy assistants and pharmacy technicians, regarding prevention, treatment and counseling of HIV/AIDS.

The programs were originally housed in the Howard’s previous School of Continuing Education, and managed by Dr. Rosalyn King. Now, Dr. Anthony Wutoh, Dean for the College of Pharmacy, is currently the project director for each program. He works with several other Howard University colleagues, including Dr. Grace Jennings, Program Coordinator for SIDHAS, and Dr. Henry Fomundam, Regional Director for ROADS. Dr. Dorothy Oqua serves as the Interim Country Director, and manages the SIDHAS activities in Nigeria.

“The purpose of this project is to reduce the high incidence of HIV and AIDS in Nigeria,” said Jennings, currently in Nigeria. “The role of Howard specifically is to assess pharmacies in Nigeria and to help build the skills of the pharmacists and build up the capabilities of the pharmacies in Nigeria to address the HIV epidemic.”

SIDHAS (and formerly GHAIN), which started in 2004, has strengthened the capacity of 124 pharmacies in selected hospitals in 36 states of Nigeria, Jennings said. Consequently, 474,820 people have received care and more than 760,000 pregnant women have received HIV counseling and testing, she said.

The ROADS project serves East and Central Africa. “HIV prevalence is quite high along this transport corridor, so the ROADS project is addressing HIV/AIDS along specific transportation routes,” Fomundam said. “We are talking about Kenya, and also Tanzania, Rwanda and Sudan. These are several of the countries we have worked in.” The ROADS project was created in 2005 and renewed in 2010. The program will continue until 2014. Dr. Fomundam continued…“We have had a direct impact in terms of treating people, providing them with life saving therapies, making sure that they are in the system of care to receive not only anti retroviral drugs, but also other medical and clinical services.”

“One thing I will be taking away with me as I exit Howard in a few months is my cultivated ability to relate to people, and celebrate them for who they are. The diversity of the college afforded me a chance to learn about different people and different cultures. I am a stronger person in every aspect, and I am grateful to my experience at the College of Pharmacy for that.”

Ayo Ayoola, (P-4 Student)
College of Pharmacy Students Testify Before Members of Congress regarding Preserving Our Hometown Independent Pharmacies Act of 2011

Today’s pharmacists must master the clinical aspect of pharmacy; however, in order to be effective leaders in the field they must also understand the policy, financial and legislative framework that influences the practice of pharmacy. Howard University’s College of Pharmacy is the only pharmacy school in the nation’s capital. Its location in Washington, DC gives its students unique and unprecedented access to policy-makers, think tanks and decision makers who play a significant role in influencing the health care and health policy environment. Our students are often given the opportunity to directly engage with lawmakers at the highest level.

On Thursday, March 29, 2012, students from the College of Pharmacy presented testimony related to H.R. 1946: Preserving Our Hometown Independent Pharmacies Act of 2011 before the Subcommittee on Intellectual Property, Competition and the Internet, a subcommittee of the House Committee on the Judiciary. Preserving Our Hometown Independent Pharmacies Act of 2011 is sponsored by Representative Thomas Marino (R-PA, 10) and has 38 co-sponsors. The members of the subcommittee applauded the College of Pharmacy’s students’ participation and testimony. The stated or expressed purpose of the bill is “to ensure and foster continued safety and quality of care and a competitive marketplace by exempting independent pharmacies from the antitrust laws in their negotiation with health plans and health insurance insurers.”

The students were enrolled in the College’s Applied Concepts in Health Policy course, which was developed and taught by Dr. Sally Weaver, Dr. Sam Stolpe and Dr. Valerie Oji. The advocacy course is further evidence of the College’s commitment to produce leaders within the field.

Pharmacist Harold Bobrow commented “The course that you have on Advocacy is extremely vital to the outcome of the profession of Pharmacy as recently exemplified by the trip your students took to Congress with Sam Stolpe. Your Students were mentioned by each Congressman in their testimony which is just what we need as Pharmacy reaches this crossroad in History.”

Pharmacist Alex Adams, of NACDS further noted “I was watching the footage of yesterday’s U.S. House Judiciary Committee hearing on the “Preserving Our Hometown Independent Pharmacies Act of 2011” and was stunned to see a team of your students become the stars of the show! It was great to see them recognized - repeatedly - by our national policymakers. The message they sent sitting there in their freshly pressed white coats was more powerful than any of the statements we pharmacy associations submitted for the record. Thanks to you and your team for investing in advocacy - you’re making a major impact at the national level!”

“One of my favorite things about Howard University’s College of Pharmacy is its Student Organizations. There are organizations for almost every field of pharmacy you may be interested in and the best thing about the culture of our school is to not just be students, but student leaders. Involvement in organizations is highly stressed and encouraged.”

Duclas Charles (P-3 Student)
John Johnson, class of 1953, was honored as the inaugural speaker of the Legacy Seminar series, and recipient of the Legacy Award. Mr. Johnson is the owner of Hamlin Drug Company in Raleigh, North Carolina, the oldest African American-owned pharmacy in the nation. At 108 years old, Hamlin has provided a century-long legacy of comfort and hospitality to their neighbors in downtown Raleigh, and pharmacist John Mitchell Johnson has led the way for over five decades. Mr. Johnson addressed a full audience of students, faculty and staff regarding his experience as a pharmacist, entrepreneur, and community leader.

Soon after graduating from the College of Pharmacy at Howard University in D.C. in 1953, John Johnson was drafted into the Army where he served as Private First Class during the Korean War. Then in 1957, Johnson partnered with Clarence Coleman and purchased Hamlin Drug Company from the family of Captain James E. Hamlin. Johnson and Coleman had a vision of keeping the treasured Hamlin traditions of excellent service and hospitality, while continually improving the operations and business of the pharmacy, all the while, serving as role models to the rapidly growing younger African American community.

Over the decades Mr. Johnson witnessed events that we now only read about in history books: from Dr. Martin Luther King,Jr.'s march through downtown Raleigh in the late 1950s, to the eventual changes in attitudes regarding racial prejudice in the south. The pharmacy has led adoption of technology including using a prescription-filling robot and digital marketing to appeal to younger audiences.

Hamlin’s dedication to personal service for its customers is clear to the generations of families they serve. The continued leadership of Hamlin is not only evidence of the perseverance of Mr. Johnson, but a tribute to his ethics and integrity. Johnson’s commitment to the African American community, provision of excellent customer service, and his dedication to technological improvements are the cornerstones of his business and the legacy he has carried for over five decades.
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“I came to Howard University as Pre-Pharmacy major with the ultimate goal of attending the College of Pharmacy. The university has a great sense of pride and promotes its students to fulfill their individual missions while working to advance the university’s mission as a whole. Personally I love the mission statement of Howard which focuses on the recruitment, retention and graduation of promising African American and other ethnically diverse students.”

Clarice Carthon (P-3 Student)
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"Our expectation is that Howard University educates the best pharmacists in the world."
Dean Anthony K. Wutoh, Ph.D., R.Ph.