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# Public Health Residency Program

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Bristol Myers Squibb is a diversified specialty biopharmaceutical company whose mission is to discover, develop and deliver innovative medicines that help patients prevail over serious diseases. Our medicines are helping millions of patients around the world in their fight against cancer, cardiovascular disease, and immunologic disease. As a biopharma leader, we believe what sets us apart is our commitment to helping address unmet medical needs of patients with serious diseases and our focus on finding innovative medicines to combat those diseases.

This commitment to patients and unmet medical needs extends to the Bristol Myers Squibb Foundation, whose mission is to promote health equity and improve outcomes of populations disproportionately affected by serious diseases and conditions.

The Bristol-Myers Squibb Foundation's (BMSF) approach to addressing health inequities consists of strengthening healthcare worker capacity, integrating medical care and community-based supportive services and mobilizing communities in the fight against diseases. BMSF engages partners in government, academia and civil society in programs to develop and test innovative approaches to improving health outcomes for poor and vulnerable populations around the world.

Since 1999, BMSF has been working with partners in Africa to provide care and support for communities affected by HIV, tuberculosis and other non-communicable diseases. In 2016, Global Cancer Disparities-Africa was launched to establish a Pan-African collaboration to improve community awareness, data and care for unmet needs for prevalent and AIDS-related cancers on the continent. Priority cancers include lung, cervical, pediatric cancers and blood disorders and multiple myeloma.

Cardiovascular disease is the leading cause of death in the United States, inclusive of atrial fibrillation, stroke, and venous thromboembolism. For specialty diseases such as rheumatoid arthritis and multiple sclerosis, the failure to promptly diagnose and initiate therapy leads to significant gaps of care for patients. Through its *U.S. Health Disparities in Cardiovascular and Immunologic Disease* initiative, BMSF seeks to expand grant making and partnerships to improve access, delivery and utilization of specialty care in safety net settings for patients with cardiovascular disease and immunologic diseases.

The Public Health Residency program was created in 2009 as a collaborative effort between the Rutgers Institute for Pharmaceutical Industry Fellowships Program of the Ernest Mario School of Pharmacy (EMSOP) and BMSF. This unique PGY-2 pharmacy residency will prepare residents as public health practitioners with leadership skills and a variety of global and domestic experiences in resource-constrained settings.



*Kiydra Harris, Public Health Resident 2016-2017, (second from left) with members of Mbeya HIV/AIDS Network in: Mbeya, Tanzania.*

## Building Comprehensive Models

- Mobilize communities to fight cancer, cardiovascular and immunologic diseases
- Develop protocols to improve health system delivery models
- Strengthen and expand patient self-management and community support services
- Integrate and coordinate medical, non-medical and policy efforts at the community level
- Improve care for patients through the support of community-based interdisciplinary teams
- Create collaboration care among specialty and primary care
- Develop telemedicine capacity to support treatment decisions in rural areas



*Feyikemi Osundina, Public Health Resident 2017-2018 presenting on vaccinations for Pharmacist Month campaign at Kimberley Hospital, Northern Cape, South Africa*

## Public Health Residency Program Overview

This 12-month residency is offered in conjunction with the Rutgers Institute for Pharmaceutical Industry Fellowships Program of EMSOP and BMSF. The primary goal of the program is to improve health outcomes and decrease health disparities through a systems approach for non-communicable diseases.

The PharmD Resident will spend approximately six months in southern Africa as part of the BMSF team with the Global Cancer Disparities-Africa program to help build capacity and provide training to partner organizations.

Activities offer a wide range of opportunities that build upon a pharmacy background and further develop diverse skill sets. Activities depend on the current needs of projects and partner organizations and may include:

- Training of pharmacy and other healthcare professionals in disease state management and pharmacotherapy
- Developing protocols and proposals leveraging the management of cancer into existing HIV/AIDS platforms
- Helping countries develop surveillance and registries to collect data and make treatment recommendations especially as it relates to lung cancer
- Engaging community members and organizations to help improve health outcomes
- Project implementation and management at field sites

In addition, the resident will complete six months in Lawrence Township, New Jersey, working with the *U.S. Health Disparities in Cardiovascular and Immunologic Disease* that address health inequities in the United States. Activities depend on the current needs of projects and partner organizations and may include:

- Researching issues for the development of grant program strategies
- Developing monitoring and evaluation indicators
- Provide expert review and technical assistance for pharmacy-related issues
- Connecting project goals with policy and advocacy advancement efforts
- Reviewing grantee reports and learning responsibilities as a grant maker

**As adjunct faculty at the EMSOP, there will be opportunities for the Resident to enhance his/her experience by collaborating with faculty through scholarship, publication, teaching and maintenance of clinical skills. The Resident will also be invited to participate in activities offered through the Rutgers Pharmaceutical Industry Fellowships Program (<http://pharmafellows.rutgers.edu>), including participation in the monthly Professional Development Series, and will have access to a large network of Fellowship alumni.**



*Diane Nguyen, Public Health Resident 2013-2014, (top row, far right) with members of the Johns Hopkins Center for American Indian Health in Chinle, Arizona.*



*Lynn Anyaele, Public Health Resident 2012-2013, (third from left) with members of Luthando patient support group in Soweto, Johannesburg, South Africa.*



*Priscilla Ko, Public Health Resident 2014-2015, (second from left) with the pharmacy department of Baylor International Pediatrics AIDS Initiative in Mbabane, eSwatini.*



*Ishmael Qawiy, Public Health Resident 2015-2016, (fifth from right) with members from the Mathi-wos Wondu Ethiopian Cancer Society (MWECS) in Addis Ababa, Ethiopia.*

## Application Management

- Rutgers will be recruiting at the ASHP Midyear Clinical Meeting. To pre-schedule an interview at Midyear, please contact us through PPS or directly via email:

**Emily Aboujaoude, PharmD**

Clinical Professor, Pharmacy Practice & Administration Rutgers,  
The State University of New Jersey  
Email: emily.aboujaoude@pharmacy.rutgers.edu

**Mason Chiang, PharmD, RPh**

Program Manager | Bristol Myers Squibb Foundation  
Email: mason.chiang@bms.com

*Please note that interested individuals should electronically submit a personal statement, a curriculum vitae, and three letters of recommendation after interviewing at Midyear to Emily Aboujaoude, PharmD, and Jennifer Torres (see below for contact).*

- Application materials may be submitted beginning December 12, 2022 until the deadline of January 13, 2023.

## Application Requirements

- PharmD from an ACPE-accredited institution
- Completion of a PGY-1 residency or equivalent experience is strongly preferred
- Curriculum vitae
- Three letters of recommendation – applicants are encouraged to provide references from mentors in global experiences or resource-limited settings
- A letter of intent (1-2 pages) addressing your interest in global/public health and long-term plans
- Candidates must be willing and able to relocate to southern Africa for 6 months.

*Application materials will be accepted beginning December 12, 2022 until the deadline of January 13, 2023. Please send these to Emily Aboujaoude, PharmD, and Jennifer Torres.*

**Rutgers is an equal opportunity employer**



*Kya Norby, Public Health Resident 2018-2019 with members of the Swaziland National Cancer Registry in Mbabane, eSwatini.*

**Jennifer Torres**

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For more information:

Bristol Myers Squibb Foundation programs:

<http://www.bms.com/foundation/>