



GSK Pharmaceutical Industry

Fellowship Program

2025-2027





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Welcome

Letter From Senior Leadership

Dear Prospective Fellow,

GSK has a rich history of collaboration with a variety of leading academic institutions through sponsorship of joint fellowship programs. We are proud to partner with Howard University to offer two-year fellowships that provide a unique opportunity to gain practical experience in academia, industry, and government to develop the skills, knowledge, and experience needed to pursue a rewarding career in the pharmaceutical industry.

At GSK, we unite science, technology, and talent to get ahead of disease together. We aim to positively impact the health of 2.5 billion people by the end of 2031. Our bold ambitions for patients are reflected in our commitments to growth and a step-change in performance. We are a company where outstanding people can thrive.

We want GSK to be an inclusive organization that attracts and retains outstanding talent, where everyone can feel a sense of belonging.

This Fellowship Program reflects our commitment to developing our early talent pipeline for our US Medical Affairs and Global Regulatory Affairs and Policy teams. Our goal is to develop pharmaceutical industry professionals to become successful leaders and innovators. We are committed to providing Fellows with leadership support, mentoring, and development opportunities to help ensure they grow and flourish in their careers.

We welcome your application to the Howard University-GSK Pharmaceutical Industry Fellowship Program and wish you success in this exciting opportunity!



Erin Hufman
Senior VP,
US Medical Affairs



Jonathan LaCalamita
VP and Head, US Regulatory Affairs
& Advertising and Promotion



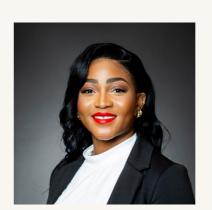
A Word From Our Alumni & Second-Year Fellows



Hadijat Bhadmus PharmD, RPh, MBA, LPN 2nd Year US Medical Affairs Fellow

Participating in the GSK/Howard University Fellowship program has been an incredibly enriching and privileged experience for me, both personally and professionally. The support and guidance my preceptor and mentors provided in this program have been invaluable, allowing me to tap into a wealth of knowledge and experience that has truly broadened my perspective as a professional.

My most cherished aspect of this fellowship is the unwavering commitment to keep patients at the center of everything we do. This focus has not only deepened my understanding of patient care but has bolstered me in my personal mission to meaningfully contribute to impacting lives far beyond my own reach. At GSK, I've been able to collaborate with like-minded individuals who are equally passionate about creating opportunities and improving the quality of life for patients globally. This program has empowered me to be a part of something bigger than myself, and for that, I am truly grateful."



Rita Ogbonna PharmD, RPh 2nd Year US Medical Affairs Fellow

"I chose the Howard University/GSK USMA Fellowship because it offered a unique opportunity to merge my passion and desire for serving and making a meaningful impact in patients' lives. This program provides a well-rounded clinical and industry experience that has been impactful to my career. I have had the privilege of working alongside some of the most talented and dedicated professionals in the industry. The collaborative and innovative environment fostered here has allowed me to explore novel ideas and approaches and which have broadened my understanding, and contributed to advancing my technical and development skills.

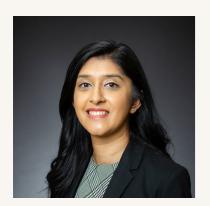
The culture of knowledge-sharing is incredibly enriching. I have had the opportunity to contribute to cross functional projects, which have been both fulfilling and educational. This fellowship continuously provides me with the knowledge and skills needed to excel in Medical Affairs.

While working within the USMA Anti-Infectives portfolio, my team has provided me with a broad understanding of US Medical Affairs, specifically in strategy and operations, and I am grateful for the opportunity to be a part of this program and team."



Yokonha Alleyne
PharmD
Regulatory Advertising and
Promotion Policy Manager, GSK
GRA and Policy Fellow 2022-2024

"The Howard University/GSK/FDA Regulatory Affairs & Policy Fellowship was an invaluable experience that profoundly shaped my career. The comprehensive training and hands-on opportunities provided by this program equipped me with the skills and insights necessary to excel in the field of regulatory affairs. Choosing the Howard fellowship program was one of the best decisions I've made; it not only prepared me for the challenges in the industry but also opened doors to incredible opportunities. Today, as a manager of Regulatory Advertising and Promotion Policy at GSK, I continually draw on the knowledge and relationships built during my fellowship. This program is not just a stepping stone, but a launchpad for aspiring regulatory professionals."



Komal Parekh PharmD 2nd Year Global Regulatory Affairs and Policy Fellow



Kafi Friday PharmD 2nd Year Global Regulatory Affairs and Policy Fellow

"I chose the GSK/FDA/Howard University Fellowship in Global Regulatory Affairs & Policy because this unique two-year program is designed to provide a well-rounded learning experience to hone in on our skills in regulatory, policy, and academia all in one. This structural yet flexible fellowship program has allowed me to build off my foundational regulatory learnings, to specialize in the advertising and promotion space and further develop my skills to eventually excel in a career in the regulatory area. My time at GSK thus far has been nothing but amazing from all the support and guidance from preceptors, colleagues, and mentors!"

"I chose the Howard University Pharmaceutical Industry Fellowship program, in collaboration with GSK and FDA, because this program offers a unique and structured pathway to develop my regulatory expertise. My journey began at Howard University, where I deepened my understanding of legislative language and administrative law through rigorous law school courses. Currently, as a part of the Global Regulatory and Policy Intelligence (GRPI) team at GSK, I've been privileged to collaborate closely with top experts in the field on significant projects, allowing me to further develop crucial skills and build a strong community. The final rotation of this 2-year fellowship will take place at the FDA, providing me with direct experience of the regulatory processes at the federal level.

Guided by GSK's unwavering commitment to innovation and integrity, I am confident that the comprehensive experience provided will significantly contribute to my ability to make impactful contributions to the field. This fellowship program is the perfect fit for anyone seeking to deepen their regulatory expertise in a dynamic and supportive environment."

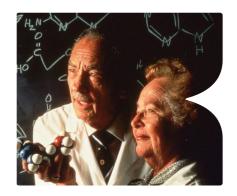
A Word From Our Alumni & Second-Year Fellows



Building the GSK of Today

Our innovation history dates back to 1715 with the Plough Court Pharmacy in London. Our current company, GSK, formed in 2000 with the merger of SmithKline Beecham plc and Glaxo Wellcome plc.





Our legacy includes **four winners** of the Nobel Prize in Medicine: Sir Henry Dale, Sir John Vane, Dr. George Hitchings, and Gertrude Elion.

Our discoveries have transformed medicine, with 15 first-in-class or combination vaccines and first-of-their-kind medicines in respiratory, antibiotics, antivirals, and oncology.



Find out more at <u>History and heritage | GSK</u>

Ahead Together GSK was reborn in 2022 as a company focused solely on the development of new medicines and vaccines—one where we unite science, technology, and talent to get ahead of disease together.

GSK at a Glance

Who we are

We are a global biopharma company with a purpose to unite science, technology, and talent to get ahead of disease together.

We aim to positively impact the health of 2.5 billion individuals by 2031, with ambitious plans for growth and continuing to make GSK a company where everyone can thrive.

We focus on science of the immune system

and advanced technologies, investing

in 4 core therapeutic areas (Infectious

Diseases, HIV, Respiratory/Immunology

and Oncology) to impact health at scale.

What we do

We prevent and treat disease with vaccines and specialty medicines to prevent and treat disease.

In 2023:

£30.3bn medicines and vaccine sales

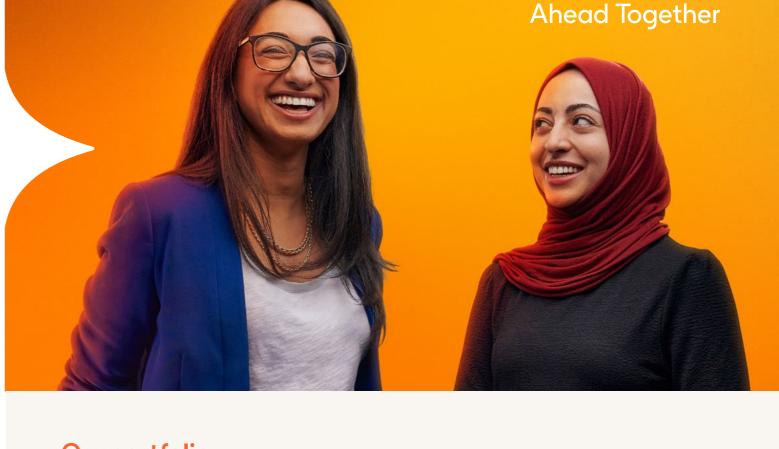
£6.2bn

and medicines in development

72 vaccines

We operate responsibly for all our stakeholders by prioritising Innovation, Performance, and Trust.

10 products exceeding 1bn sales



Our portfolio:

Vaccines

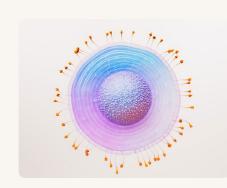
Our broad vaccines portfolio targets infectious diseases at every stage of life, helping to protect people from meningitis, shingles, RSV, flu, polio and many more.

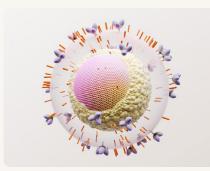
Specialty Medicines

We continue to be global leaders in infectious diseases, respiratory and HIV medicines and have an emerging portfolio of cancer medicines.

General Medicines

From antibiotics to inhaled medicines for asthma and COPD, we have over 150 general medicine products, many of them leaders in their class, making life better for millions of people worldwide.







Our priorities

Everyone at GSK is focused on our three long-term priorities:

Innovation We believe the powerful combination of disruptive

science and advanced data and platform technologies is transforming medical discovery, enabling us to find new ways to prevent and treat the most challenging

diseases, better and faster.

Performance New upgraded growth commitments to 2026

and over £38bn in sales by 2031.

Our bold ambitions mean more GSK vaccines and medicines than ever before, including innovative new

products, reaching people who need them.

Trust Delivering our strategy responsibly: always considering

the social, environmental and governance impacts of

everything we do from lab to patient.

We're taking action in six areas that matter most to us: access to medicines; global health and health security; diversity, equity, and inclusion; environment; product

governance and ethical standards.

In 2023:

8

pipeline assets in phase III/registration

6

major business development deals £30.3bn

medicines and vaccine sales

2.3bn

packs of medicines and vaccine doses delivered

1st

in the Access to Medicine Index 1st

sector leaders of the S&P's Global Corporate Sustainability Assesment

Our culture

We have over 70,000 people in more than 75 countries worldwide, and culture at GSK is something we all own.

We are ambitious for patients to deliver what matters better and faster.

We are accountable for impact with clear ownership and support to succeed.

We do the right thing with integrity and care because people count on us.

This powers our purpose, drives delivery of our strategy, and helps make GSK a place where people can thrive.

These are the foundations for how, together, we'll deliver more for our patients, shareholders, and GSK people.

Why we do it

We aim to get ahead of disease together – to positively impact the health of 2.5 billion people by 2031.







Diversity, Equity & Inclusion

GSK's approach to improve inclusion and diversity is focused on "Our People, Our Business and Our Communities." Driving representation within the company is one important part of this approach, and GSK is committed to ensuring its workforce reflects the communities it serves, and its leadership reflects its workforce. GSK strives to be a diverse, inclusive organization that attracts and retains outstanding talent, because this brings greater opportunity to create better health outcomes for the patients around the world who rely on our medicines and vaccines.

Our Employee Resource Groups (ERGs) run events, workshops, and initiatives where everyone is welcome to learn, contribute, and feel connected. The lead volunteers meet regularly with our Global Diversity Councils and GSK Leadership Team members to share ideas, priorities, and perspectives.

Our ERGs include:

- AXIS Multi Faith Network
- Cancer Awareness & Resource Group for Employees (CARE)
- Career Growth Network
- Disability Confidence Network (DCN)
- Women's Leadership Initiative (WLI)
- Spectrum (LGBTQ+)

Our ERGs specific to race and ethnicity are:

- Crece
- EMBRACE
- FUSION Asian Business Network
- Indigenous Peoples Association
- Mosaic



GSK's Global Diversity Councils

We're supported by the great work our Global Ethnicity, Gender, LGBTQ+, and Disability Councils provide. Each council is chaired by members of the GSK Leadership Team and includes senior leaders from across the company as well as representatives from our ERGs.

US Medical Diversity, Health Equity & Inclusion Roadmap

People

- Equip Medical Affiars People Leaders to recruit, retain & develop diverse talent
- Increase leadership accountability and DEI acumen

Business

- Clinical Trial Diversity: Support the identification of Clinical Trials Sites with Inclusive Research Practices
- Have a DEI Operational Mindset to Medical Affairs activities (Diverse Ad boards, Congresses, EvGen)

Community

- Build sustainable and broader support for underrepresented communities in early STEM education
- Creating lasting changes in underrepresented communities through partnerships, mentorships, and career opportunities for underrepresented rising professionals in science and medicine



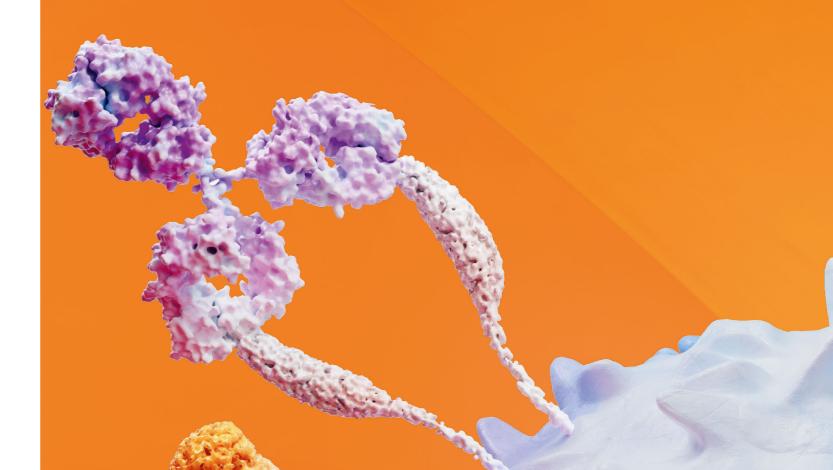
Vera Glover Director, Specialty Medical Science Liaisons & DEI Champion

"US Medical Affairs supports efforts to address healthcare disparities and social determinants of health to contribute to a society in which everyone diagnosed with the diseases that our medicines treat have an opportunity to attain their highest level of health."



Emma Walmsley CEO

"GSK is a company where everyone can be themselves, and where diversity is embraced and celebrated. We each hold ourselves accountable for ensuring that respect and inclusivity are at the very heart of our culture as a company."



Howard University Partnership



Pharmacy instruction at Howard University began in the "Department" of Medicine in 1868. The initial course, held in the evening, offered students "knowledge of the art and science of pharmacy." The College of Pharmacy has the distinct legacy of graduating the very first graduate student at Howard University in 1870, Dr. James Thompson Wormley. Since this early beginning, the College of Pharmacy has been among the leaders in the preparation of individuals for rewarding careers in pharmacy. The College of Pharmacy currently offers an entry-level four-year Doctor of Pharmacy (PharmD) degree program, a two-year post-BS PharmD degree program, a non-traditional PharmD degree program, and MS and PhD degrees in Pharmaceutical Sciences.

Consistent with the mission of Howard University, the College's mission 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 minority students.

Howard University College of Pharmacy strives to be a premier University in teaching, learning, research, leadership, and service locally and globally. 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. The College of Pharmacy has a cadre of dedicated faculty who are highly experienced in teaching, professional practice, and research.



Earl Ettienne, BSc. Pharm, MBA, LP.D, RPh Fellowship Director and Assistant Dean Graduate Programs & Industrial Partnerships Co-Chair Medical IRB, Associate Professor Howard University College of Pharmacy

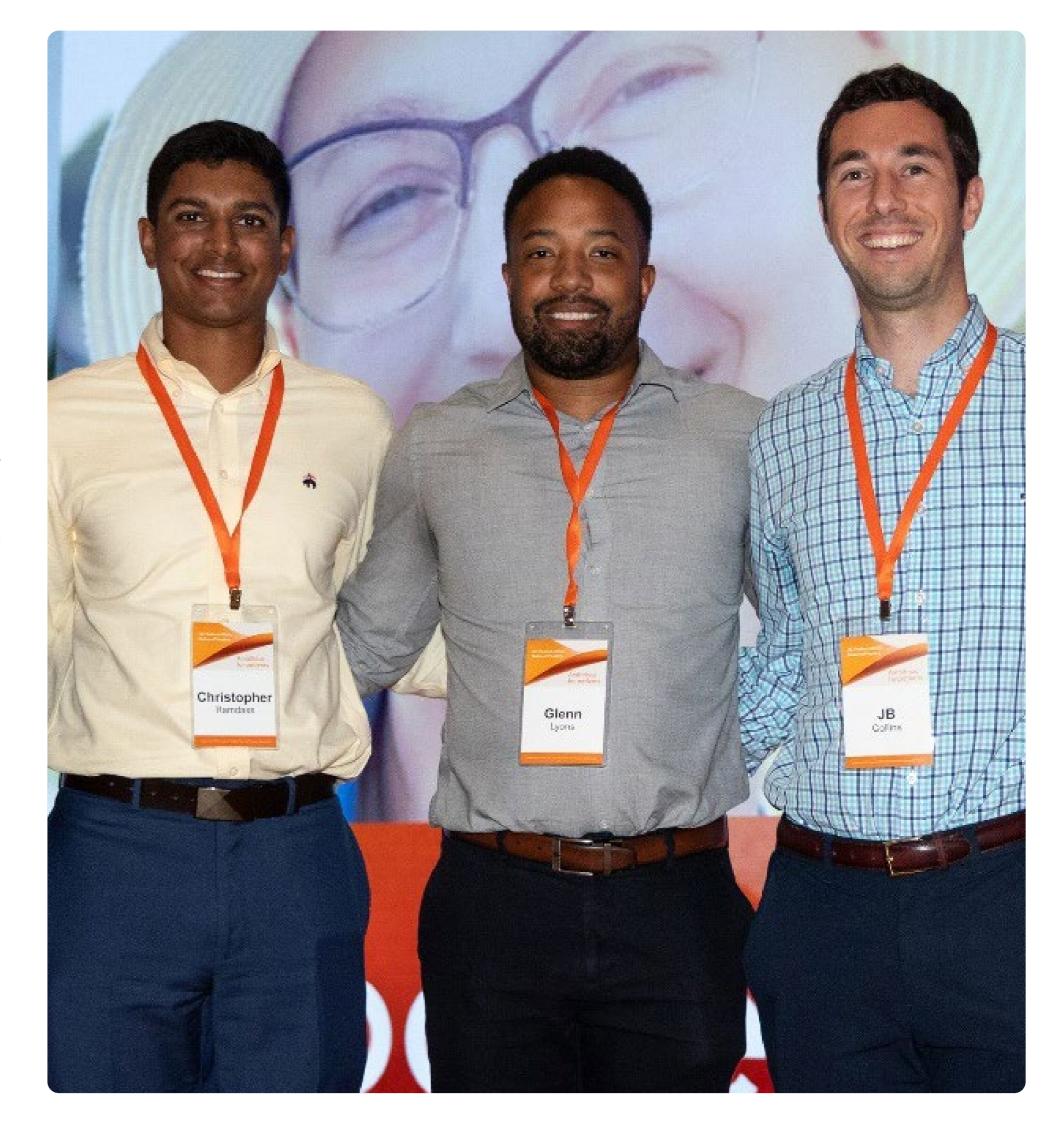
"Established in 2012, the pioneering Howard University College of Pharmacy (HUCOP) Pharmaceutical Industry Fellowship Program places a special emphasis on individuals from diverse backgrounds with a proven track record of excellence, exceptional communication skills both written and oral, a receptive aptitude for mentorship, and an innate reservoir of leadership potential primed for C-suite consideration. Structured as immersive experiences spanning one to two years, our post-doctoral fellowships at HUCOP empower participants with hands-on-training. We provide coveted opportunities across academic, biopharmaceutical, clinical, corporate, and regulatory spheres, thereby nurturing solid groundwork essential for prosperous future careers."

Overview

Fellows have a unique opportunity to gain practical experience in the clinical setting and apply those learnings within Medical Affairs at GSK. Fellows gain practical training and experience to pursue a career in the pharmaceutical industry, academia, clinical practice, or with a contract research organization.

Fellows collaborate cross-functionally with US Senior Medical Affairs Leads, Scientific Directors, Trainers, and MSLs in support of the overall medicine plan. Fellows make impactful contributions to the business as they learn and develop professionally during their fellowship journey.





Objectives

- Gain clinical proficiency within the assigned therapeutic area
- **Work** closely with US Medical Affairs leaders to execute tactics that support the overall medical strategy
- **Support** product life-cycle which may include launch preparations for new medicines, new data releases and/or new indications or label extensions
- Conduct strategic reviews of the medical literature and the competitive environment to identify data and educational gaps to enhance patient care
- **Gain** an understanding of the laws, regulations and policies required to ensure appropriate interactions with health care professionals
- May **participate** in medical content development and review and communication of scientific information for internal and field-based colleagues
- May **participate** in interactions with external experts and provide medical support for congress meetings
- Collaborate with Medical Matrix Teams (MMT) and with cross-functional teams which may include field medical liaison, global medical affairs, commercial, regulatory affairs, legal, health outcomes, clinical research, and global clinical safety and pharmacovigilance as they relate to the daily activities and special projects of US Medical Affairs



Rotational Structure

First 6 months at Howard University College of Pharmacy (or partnering clinic)

At Howard University College of Pharmacy, fellows will have the opportunity to:

- Gain knowledge and skills to practice pharmaceutical care.
- Develop research in the pharmaceutical sciences and the clinical sciences with an emphasis on innovation that advances minority health research and helps reduce or eliminate health disparities.

Last 18 months at GSK

At GSK within US Medical Affairs, fellows will have the opportunity to:

- Understand the decision-making process that healthcare providers and payers follow for drug utilization.
- Contribute to the development and execution of US Medical Affairs plans and integrate the voice of the customer including providers, payers, and patients into a Medical Affairs strategy.
- Gain clinical knowledge and product expertise in a therapeutic area.
- In addition, there is an opportunity to gain 1-2 rotational experiences based on the Fellow's interest and business need, such as Clinical Development, Marketing, Health Outcomes, Medical Information, Global Clinical Safety, and Pharmacovigilance.





Program Director



Emmeline Igboekwe PharmD, MS, RPh US Medical Affairs Lead, Specialty

Preceptors



Cindy Burman, PharmD US Medical Affairs Lead, Neisseria Vaccines Portfolio



Eleni Allen, PharmD, RPh Medical Director, Risk Mitigation Strategy, Oncology



Kathleen Montgomery
PharmD, MS
US Medical Director,
Belantamab Mafodotin, Oncology



Kathleen Taylor, RPh Field-Based Medical Affairs Head, US Vaccines



Kendra Hughes, PharmD
Director, Strategy & Value
Communications - Anti-Infectives
& Respiratory (AIR)/Vaccines
Medical Accounts



Lauryn Klevorn, PhD Director, Specialty Field Medical Strategy and Operations



Meghan Luck, PharmD, BCPS US Medical Affairs Lead, Gepotidacin, Anti-Infectives Portfolio



Sejal Mistry,PharmD, MS HEOR Senior Medical Information Manager, Specialty



Second-Year USMA Fellows



Dorothy Agyemang, PharmD, RPh University of Colorado Skaggs School of Pharmacy



Philip Mathew, PharmD, RPh University of Pittsburgh School of Pharmacy



Hadijat Bhadmus, PharmD, RPh, MBA, LPN University at Buffalo School of Pharmacy and Pharmaceutical Sciences



Deep Patel, PharmD, RPh Temple University School of Pharmacy



Rita Ogbonna, PharmD, RPh University of Maryland Eastern Shore School of Pharmacy



First-Year USMA Fellows



Sochima Oriaku, PharmD University of Maryland Eastern Shore School of Pharmacy



Kiara Wilson, PharmD Chicago State University College of Pharmacy



Devene Prince, PharmD, RPh Howard University College of Pharmacy



Vivek Patel, PharmD, RPh, MS Nova Southeastern University College of Pharmacy



Ivy Kusi, PharmD, MBA Wilkes University Nesbitt School of Pharmacy



Josiah Moore, PharmD Mercer University College of Pharmacy



K Nididi Iheme, PharmD, MPH Howard University College of Pharmacy

Alumni Fellows - US Medical Affairs Francesca Joseph, PharmD, RPh 2022-2024. Letisha Braswell, PharmD. 2022-2024.

Olubukunola Onajin, PharmD. 2022-2024. Glenn Lyons, PharmD, RPh 2022-2024. Global Regulatory Affairs and Policy Fellowship

Overview

The Global Regulatory Affairs (GRA) and Policy Fellowship provides practical training and experience to help fellows gain expertise in regulatory requirements and strategy pertinent to drug development. Through a combination of academic, industry, and regulatory authority experience, fellows will develop an in-depth understanding of regulatory affairs and the drug development process. With the guidance and support of GSK mentors and experts, fellows will establish a strong foundation of experience and knowledge that can lead to a successful career within the pharmaceutical industry, Food and Drug Administration (FDA), or Contract Research Organizations (CROs).

New in 2025

The GRA and Policy fellowship will offer a **new Labeling track** beginning with the 2025-2027 cycle.



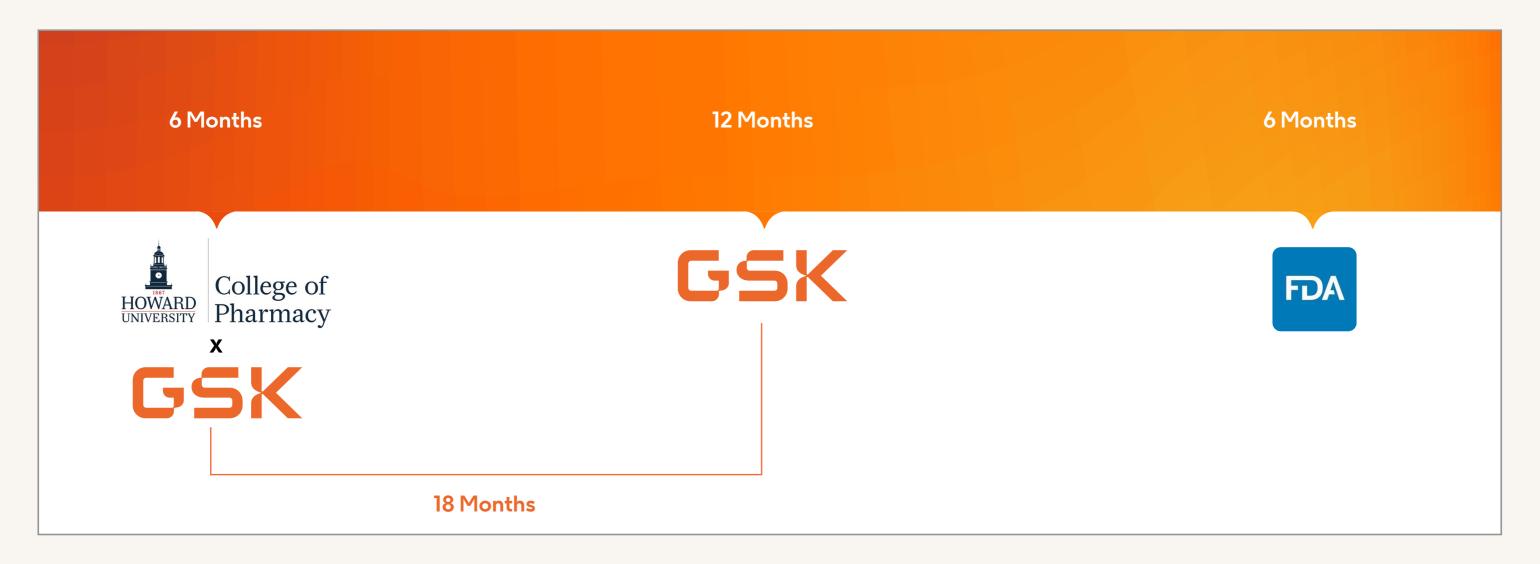
Global Regulatory Affairs and Policy Fellowship

Objectives

- **Understand** the laws, regulations and policies that govern pharmaceutical product development.
- **Execute** tactics that support the overall regulatory strategy for GSK portfolio medicines and/or new indications or label extensions.
- Collaborate within cross-functional teams on daily activities and special projects of Global Regulatory Affairs (GRA),
- **Gain** experiential proficiency within the assigned track:
 - Regulatory Advertising and Promotion Policy (RAPP): Assist in content development and review of labeling and promotional materials
 - Global Regulatory Policy and Intelligence (GRPI): Conduct strategic reviews of the regulatory environment to identify trends in policy direction and potential impact to the business.
 - Labeling: Support the generation of competitive labeling strategies and compliant labeling content for development and marketed products.



The rotation at a glance



1st Rotation Howard University (6 months)

Fellows will complete coursework and training through the *Howard University College of Pharmacy and School of Law* to gain exposure to academia, learn the scientific process for research design and methodology, and obtain professional certification in pharmaceutical regulations proficiency.

2nd **Rotation** GSK (18 months)

The first 6 months of the GSK rotation will run concurrently with the Howard rotation. Fellows will gain experience across a specialized regulatory discipline of Global Regulatory Affairs - Regulatory Advertising and Promotion (RAPP), Global Regulatory Policy and Intelligence (GRPI), or Labeling - and learn about the principles for drug development strategies, regulatory submissions and agency reviews and approvals.

3rd Rotation FDA (6 months)

Fellows will be assigned to one of two tracks in the Office of Medical Policy to receive hands-on training in FDA regulations and policy: Patient Labeling, where fellows will review and revise patient labeling documents for approval; Regulatory Policy, where fellows develop policy documents and evaluate and propose responses to public comments.

Program Director



Brandy Proctor, MS
Regulatory Policy Manager
Global Regulatory Policy
and Intelligence (GRPI)

GRA Early Talent Programs Lead



Jonathan LaCalamita
VP and Head
US Regulatory Advertising and
Promotion Policy

Preceptors



Rob Berlin Head, US Regulatory Policy Global Regulatory Policy and Intelligence (GRPI)



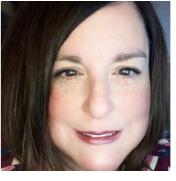
Cheryl Jones
Director, Regulatory
Advertising and
Promotional Policy (RAPP)



Brittany Galop, PharmD, MS BCPS Manager, Labeling Strategy & Development



Marcella Paglione, PharmD Director, Labeling Strategy & Development



Michelle Carfagno, PharmD Director, Labeling Strategy & Development



Shreya Parikh, PharmD Manager, Labeling Strategy & Development



Shanice Taylor Director, Regulatory Advertising & Promotion Policy (RAPP)

GRA and Policy Fellows



Erica Brown, PharmD, MBA 1st Year Fellow Howard University College of Pharmacy



Kafi Friday, PharmD 2nd Year Fellow Campbell University College of Pharmacy



Komal Parekh, PharmD 2nd Year Fellow Howard University College of Pharmacy

Fellowship Alumni - Global Regulatory Affairs and Policy

Adaobi Anyiwo, PharmD. 2018-2020. Keisha Stubbs, PharmD. 2019-2021. Seid Suleyman, PharmD. 2019-2021. Maimun Alam, PharmD. 2020-2022.
Ashley Dike, PharmD. 2021-2023.
Yokonha Alleyne, PharmD. 2022-2024.

Application Process

Requirements for Eligibility

Fellows for the Howard University-GSK Pharmaceutical Industry Fellowship Program are selected on a nationally competitive basis. Candidates must have completed a Doctor of Pharmacy (PharmD) or Doctor of Philosophy (PhD) degree from an ACPE-accredited institution prior to commencement of the fellowship term.

Available Positions

US Medical Affairs is recruiting three (3) positions:

- 1 fellow for Oncology
- 1 fellow for Anti-Infectives & Respiratory
- 1 fellow for Vaccines

Interviews for USMA will be conducted virtually through mid-December 2024 and candidates will be selected by end of December 2024.

Global Regulatory Affairs and Policy is recruiting two (2) positions for:

- 1 fellow for Global Regulatory Policy & Intelligence (GRPI)
- 1 fellow for Labeling

Interviews for **GRA and Policy Fellowship** will be conducted virtually through mid-December 2024 and candidates will be selected by end of December 2024.



GSK receives Excellence in Service Award for its support of the Howard University Pharmaceutical Industry Fellowship, 20 June 2024



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From L-R: Dr. Anthony K. Wutoh, Provost & Chief Academic Officer, Howard University, Dr. Oluwaranti Akiyode, Dean of the College of Pharmacy, Howard University, Dr. Emmeline Igboekwe, US Medical Affairs Fellowship Program Lead, GSK, Brandy Proctor, GRA and Policy Fellowship Program Lead, GSK, Dr. Earl B. Ettienne, Assistant Dean of Graduate Programs & Industrial Partnerships, Associate Professor, College of Pharmacy, Howard University