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### Welcome

#### Letter From Senior Leadership

Dear Prospective Fellow,

GSK has a long-standing tradition of partnering with esteemed academic institutions through sponsorship of collaborative fellowships. We are proud to partner with the University of North Carolina to offer two-year fellowships that provide a unique opportunity to acquire hands-on experience in industry and academia. This Fellowship Program is designed to cultivate the expertise, insights and practical skills for a fulfilling career in the pharmaceutical sector.

At GSK, we unite science, technology and talent to get ahead of disease together. Our aspiration is to positively impact the health of 2.5 billion people by the end of the decade. This ambitious commitment to patients is mirrored in our dedication to continuous growth and creating a culture within GSK where breakthroughs emerge.

The GSK/University of North Carolina Post-Doctoral Fellowship Program underscores our dedication to nurturing the next generation of professionals for our US Medical Affairs, Global Regulatory Affairs, and Global Pharmacovigilance departments with the goal of developing and empowering individuals to evolve into impactful leaders and innovators. We are committed to providing Fellows with an inclusive environment fostered by robust leadership guidance, dedicated mentorship, and development opportunities to support professional growth and success.

We appreciate your consideration and welcome your application to the GSK/University of North Carolina Post-Doctoral Fellowship Program and extend our best wishes for your journey.



Erin Hufman

Erin Hufman
Senior VP,
US Medical Affairs



Jonathan Jacobita

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



Peggy Webster
Head of
Vaccines & ID Safety

GSK is proud to partner with the University of North Carolina (UNC) Eshelman School of Pharmacy to offer 2-year fellowship programs, aiming to develop pharmaceutical industry professionals to become successful leaders and innovators.

## Our Fellowship Program



Our goal is to provide the opportunity for fellows to gain the skills, knowledge, and experience needed to pursue a career in the pharmaceutical industry, enabling them to become successful leaders and innovators. Fellows develop a strong scientific foundation in areas of interest by gaining practical experience in the pharmaceutical drug development setting and applying those learnings for the advancement of pharmaceutical sciences.

GSK has a rich history of collaborations with a variety of leading academic institutions through sponsorship of joint fellowship programs.

#### Fellowships offered by GSK in partnership with UNC Eshelman School of Pharmacy include:

US Medical Affairs (PharmD or PhD)
2 positions

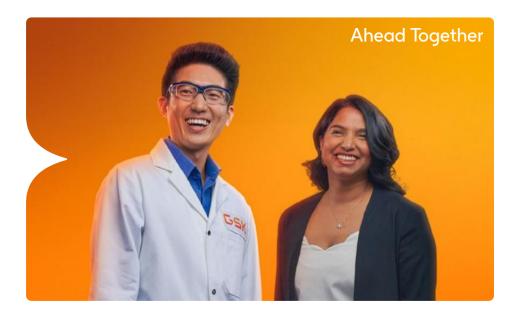
Global Pharmacovigilance (PharmD)

1 position

#### Global Regulatory Affairs (PharmD, PhD, or MD)

- Regulatory Strategy Therapeutic Groups (Oncology & Specialty Medicines)
   2 positions
- Chemistry Manufacturing & Controls (CMC)/Precision Medicine & Digital Health (PMDH) 1 position

## GSK at a glance



#### Who we are

We are a focused 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 more than 2.5 billion individuals by the end of the decade with ambitious plans for growth and continuing to make GSK a company where everyone can thrive.

#### What we do

We prevent and treat disease with specialty medicines, vaccines and general medicines.

#### In 2024:

£31.4bn medicines and

vaccine sales
£6.4bn

R&D investment

medicines and vaccines in development

13 positive phase III readouts

immune system and advanced technologies, investing in 4 core therapeutic areas (respiratory, immunology and inflammation; oncology; HIV; and infectious diseases) to impact health at scale.

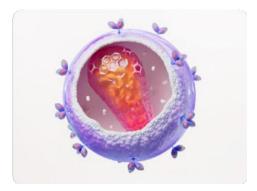
We focus on the science of the

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

#### Our portfolio:

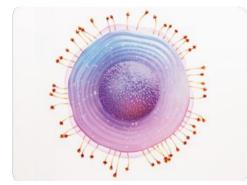
#### **Specialty Medicines**

Our specialty medicines prevent and treat diseases, from HIV, cancer and asthma to immune-inflammation diseases like lupus.



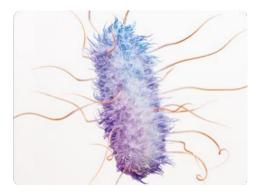
#### Vaccines

Our broad vaccines portfolio targets infectious diseases at every stage of life.



#### **General Medicines**

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



#### Our priorities

#### Innovation

We develop and launch new medicines and vaccines where they are needed, with better, faster and smarter R&D.

In 2024:

19

pipeline assets in phase III/ registration

12

new collaborations and acquisitions

#### <u>Perform</u>ance

Driven by our innovation, we have delivered consistent sales and profit growth and improved our long-term outlooks.

#### 2nd

impact.

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

Trust

in the Access to Medicine Index

We focus on issues that matter

stakeholders, and society, and

where we can have the greatest

most to our business, our

2.1bn

packs of medicines and vaccine doses delivered

£31.4bn

91%

of our Responsible Business Performance Rating metrics 'met' or 'exceeded'

#### Our culture

We have almost 70,000 people in 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 the end of the decade.







We embrace inclusion across our science, access to medicine and vaccines and our people and culture.

# Health and Inclusion

#### Building a high-performing, inclusive organization

Over recent years, we've delivered a step-change in performance, and we believe in the power of an inclusive culture and differing perspectives and experiences to unlock the full potential of the company. This helps attract and retain outstanding talent, develop innovative solutions, and drive better decision-making, supporting long-term performance and better health outcomes for patients.

We want GSK to be a workplace where our employees can feel a sense of belonging, be themselves, and have their different perspectives and characteristics valued, because this helps everyone perform at their best. We measure employee sentiment on inclusion as part of our employee survey, which includes questions on employees feeling welcome and included, feeling able to be themselves, valuing different perspectives, and agreeing on ways of working that enable them to perform at their best.

We are committed to equal employment opportunity, nondiscrimination and merit-based decision making in the way we recruit, manage and develop our people.



"At GSK, we foster an inclusive environment that embraces and celebrates different perspectives and experiences, allowing everyone to be themselves so we can all perform at our best for patients. We hold ourselves and each other accountable, ensuring that respect and inclusivity are at the heart of our company culture."

**Diana Conrad**Chief People Officer

#### Employee Resource Groups

Our Employee Resource Groups (ERGs) run events, workshops and initiatives where everyone is welcome to learn, contribute and feel connected. ERG membership and events are open to all employees.

#### Our ERGs include

Women's Leadership Initiative (WLI)

Spectrum (LGBTQ+)

Disability Confidence Network (DCN)

**EMBRACE** 

Mosaic

Asia EMBRACE

Crece

**FUSION** 



## Relocation Requirements

- US Medical Affairs fellows spend their first year in the Chapel Hill, NC area. They spend their second year at either the Durham, NC or Philadelphia, PA GSK site depending on preceptor location.
- Global Regulatory Affairs fellows spend both years in Upper Providence, PA.
- Global Pharmacovigilance fellows spend both years in Durham. NC.



#### Durham, North Carolina



The Durham GSK site anchors one corner of North Carolina's acclaimed Research Triangle Park (RTP), which hosts an abundance of pharmaceutical, biotechnology, and healthcare companies. This environment offers opportunities for collaboration in research, education, and patient care with partners in academia, industry, and healthcare. Durham is the largest GSK commercial site that operates in the U.S. and houses critical roles in pharmaceuticals, corporate, and manufacturing functions, as well as R&D and ViiV Healthcare - a subsidiary of GSK.

#### Upper Providence, Pennsylvania



The Upper Providence (UP) GSK site serves as the US. R&D Hub, providing GRA fellows with an unparalleled opportunity to work at the forefront of pharmaceutical innovation. Our site offers incredible opportunities for crossfunctional teamwork and professional growth - making it a premier destination for aspiring leaders in the pharmaceutical industry. Situated in Upper Providence Township, Pennsylvania, the campus is conveniently located 30 miles northwest of Philadelphia and 35 miles from Philadelphia International Airport, offering easy access to both urban attractions and global connectivity.

#### Philadelphia, Pennsylvania



GSK's Philadelphia presence is located at the iconic FMC Tower in University City, where we occupy two floors that primarily house commercial functions along with colleagues from Medical Affairs and Regulatory. This site serves as a collaborative hub in a city known for its rich history, cultural diversity, and thriving life sciences community. Philadelphia offers a unique blend of historic charm and urban energy, with world-class universities, museums, and dining, as well as convenient access to other major East Coast cities.

# US Medical Affairs Fellowship

Fellows have a unique opportunity to gain practical experience in the clinical drug development setting and apply those learnings within medical affairs at GSK. Fellows gain the 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 U.S Senior Medical Affairs Leads, Scientific Directors, Medical Communications Directors, Medical Capabilities Directors and Field Medical Liaisons in support of the overall medicine plan. Fellows make impactful contributions to the business as they learn and develop professionally during their fellowship journey.

#### Fellowship Objectives

- Understand the role of Medical Affairs in the pharmaceutical industry working closely with the US Senior Medical Affairs Lead and collaborating cross-functionally for a medicine in support of the overall medicine plan
- Understand principles of clinical research, apply clinical trial design strategies, and collect and analyze data
- Conduct strategic reviews of the medical literature and the competitive environment to identify data and educational gaps to enhance patient care
- Contribute to US scientific engagement between GSK and external communities to advance the understanding of disease treatment and management
- Participate in the medical review of promotional materials and communicate scientific information to internal and field-based colleagues
- Support launch preparations for new medicines and/or new indications and/or label extensions



#### Preceptors



shley Core, PharmD SMA Medical Director, epatology & Oncology



Shruti Shah, PharmD

Director, Medical Communications
& Scientific Training



Katie Tipton Patel, PharmD, BCOP

Director, Medical Communications
& Scientific Training

#### Year 1

At the UNC Eshelman School of Pharmacy, fellows will have the opportunity to

- Review the principles of clinical research, such as Good Clinical Practice (GCP) and gain an understanding of the wellbeing of study subjects, data collection, analysis, and safety reporting
- Apply clinical design strategies, evaluate research designs and study reports, and utilize biostatistical tests
- Develop protocols, recruit and monitor subjects, collect and analyze data, and prepare ar academic manuscript

#### Year 2

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

- Understand the decision-making proces 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

#### **Fellows**



Kieran Collins, PharmD Second Year Fellow Wilkes University, Nesbitt School of Pharmacy



Michael Novatnack, PharmD Second Year Fellow Wilkes University, Nesbitt Schoo of Pharmacy



Meghan McGonagle, PharmE First Year Fellow Massachusetts College of Pharmacy and Health Science



Sara Jubas, PharmD

First Year Fellow
University of North Carolina
Eshelman School of Pharmac

#### **Program Director**



Head, Medical Communic

Head, Medical Communications & Scientific Training, US Medical Affairs Oncology

"Our partnership with UNC provides fellows with an outstanding opportunity to gain experience in an academic setting that can be applied to Medical Affairs within the oharmaceutical industry. Throughout the two-year program, fellows will bouild strong relationships, develop valuable skills, and make meaningful contributions to various projects and initiatives. We are continually inspired by the talent and dedication of our fellows and are committed to supporting their professional growth and development."



## Global Regulatory Affairs Fellowship

The Global Regulatory Affairs (GRA) fellowship provides practical training and experience to help fellows gain expertise in regulatory requirements and strategy pertinent to drug development.

Fellows will develop an in-depth understanding of regulatory affairs and the drug development process from pre-clinical to post-marketing strategies. Fellows will establish a strong foundation of experience and knowledge to lead a successful career within the pharmaceutical industry, Food and Drug Administration (FDA), or Contract Research Organizations (CROs).

#### Fellowship Objectives

- Develop regulatory strategy by using and interpreting regulations and guidelines
- Provide support to the life-cycle management activities pre- and postapproval, for drug and biologic products and gain an understanding of the principles of agency review processes
- Gain an understanding of early and late phase clinical development and gain expertise in the requirements of regulatory submissions
- Understand the various facets of global regulatory affairs, including labeling, advertising and promotion, regulatory intelligence, chemistry manufacturing and controls (CMC), and non-clinical regulatory
- Participate in departmental initiatives for process improvements and/or regulatory knowledge management
- Obtain valuable foundational knowledge by partaking in the Regulatory Affairs Certification (RAC) course and examination



GRA fellows will be based in Upper Providence, PA throughout the two-year duration of the fellowship program. GSK will recruit up to three qualified post-doctoral candidates to support either:

- Regulatory Strategy (Therapeutic Groups):
  - Oncology; or
  - Specialty Medicines; or
- Chemistry, Manufacturing & Controls/ Precision Medicine & Digital Health.

Candidates should identify their position of interest in their application

#### Therapeutic Groups (TG)

The TG fellow will have the opportunity to:

- Become an integrated member of the crossfunctional team and provide regulatory strategic input for both early and late-stage clinical development programs
- Interact with health authorities globally through correspondences and preparation of submission packages to guide product development
- Develop and maintain awareness of the regulatory landscape to inform drug development

#### Chemistry, Manufacturing & Controls (CMC)

The CMC fellow will have the opportunity to:

- Liaise with health authorities to obtain scientific advice and respond to CMC questions
- Collaborate with a variety of functional areas, such as biopharmaceutical development and supply, manufacturing, device engineering, quality, and clinical, to determine overall CMC regulatory strategy for biopharmaceuticals
- Plan/prepare CMC Biopharmaceuticals regulatory documents for global submissions across all stages of product development and life cycle

#### Precision Medicine & Digital Health (PMDH)

Healthcare technology is revolutionizing medicines development. Get to know the regulatory requirements relevant to diagnostics, software and other technologies used within clinical research and development.

The PMDH fellow will have the opportunity to:

- Become part of a team that supports the breadth of healthcare technologies used to enable GSK's research and development
- Digital healthcare technology and deep understanding of molecular mechanism are evolving medicines development, understand the global device regulatory frameworks that govern the use of healthcare technology in medicinal product development approaches
- Collaborate with technical, clinical, and other stakeholders to define regulatory strategies.

#### Sponsor



Jonathan LaCalamita
VP, US Regulatory Affairs &
Advertising Promotion

"GSK is proud to partner with UNC to offer fellows the opportunity to develop the expertise necessary to pursue a rewarding career within Regulatory. This fellowship represents a unique opportunity for talented and ambitious individuals

to accelerate their careers. GRA is committed to providing fellows leadership support, mentoring and development opportunities to help ensure they thrive and flourish. We look forward to working with emerging talent to help them become tomorrow's great leaders."

#### **Program Director**



**Kevin Fitzgerald, BSPharm**Senior Director,
Specialty Therapeutic Group R&D
Global Regulatory Affairs

#### **CMC Fellow**



**Michael Dobruskin, PhD**First Year Fellow
Thomas Jefferson University

#### TG (Strategy) Fellows



Jessica Ogbonna, PharmD Second Year Fellow Oncology Therapeutic Group Massachusetts College of Pharmacy and Health Sciences



Allison Wu, PharmD
First Year Fellow
Oncology Therapeutic Group
Northeastern University School of
Pharmacy



Dalyn Valentin-Shawver, PharmD Second Year Fellow Specialty Therapeutic Group University of Florida College of



Zadid Ohie, PharmD First Year Fellow Specialty Therapeutic Group Long Island University, Arnold and Marie Shwartz College of

# Global Pharmacovigilance Fellowship

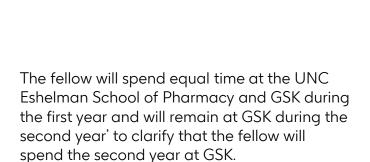
The GSK Global Pharmacovigilance Fellowship is a 2-year program that provides practical training and experience in identifying, managing and communicating the safety profile of a product to enable informed benefit risk decisions by uniting science, technology

The fellowship program will provide an opportunity for a Doctor of Pharmacy graduate to focus on global patient safety and develop fundamental skills necessary for a successful career within the pharmaceutical industry.

#### Fellowship Objectives

- Gain an understanding of the role of global clinical safety and pharmacovigilance in the lifecycle of a pharmaceutical product including how safety data from pre-clinical studies, clinical studies, and postmarketing experience translates to use in a healthcare setting
- Contribute as a member of a safety review team to support the ongoing evaluation of the benefit/risk profile of an asset
- Become an integrated member of the cross functional matrix team, providing clinical safety input for the clinical development program of an asset
- Identify and evaluate potential safety concerns, assist in preparation of documentation and develop associated communication to inform healthcare providers and regulatory authorities
- Develop leadership and critical thinking skills to prepare for a successful career in clinical safety and pharmacovigilance following completion of the fellowship program





UNC: The fellow will be paired with faculty conducting clinical research, and will focus on a project with a safety element.
Additionally, the fellow will participate in coursework, professional development activities, and the Fellows Forum.

GSK: The fellow will be exposed to various areas of pharmacovigilance with a primary focus on clinical roles and therapeutic areas throughout the product life cycle. The fellow will be assigned a mentor who will facilitate learning opportunities in order to develop an understanding of pharmacovigilance practices, global regulations, and clinical development in order to apply these fundamentals to monitoring patient safety.

The fellow will work in a concentrated therapeutic area as part of a matrix team. They will also have the opportunity to interact with other functions within GSK, such as Clinical Development, Biostatistics, and Regulatory Affairs to learn how Global Safety is incorporated throughout the organization.

The fellow will fully integrate into the role of a Safety Scientist contributing, to the safety evaluation and risk management of an asset.

#### **Sponsor**



Peggy Webster, MD, MBA Head of Vaccines & ID Safety

#### Program Director



Lorrie Schifano, PharmD

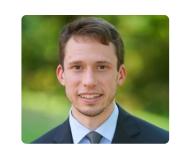
Safety Evaluation and Risk Management
(SERM) Head Oncology/Immunology

#### Preceptor



Amy Timberlake, PharmD SERM Scientific Director Oncology/Immunology

#### **Fellows**



Sean O'Connor, PharmD First Year Fellow University of North Carolina Eshelman School of Pharmacy



Chloe Kim, PharmD

Second Year Fellow
Rutgers University
Ernest Mario School of Pharmacy

## **UNC** Partnership

The UNC Eshelman School of Pharmacy, ranked as the #1 pharmacy school in the nation by the US News and World Report 2024, is a nationally recognized leader in progressive pharmaceutical care practice, education, and research.



"Each year, for more than four decades, we have an incredible group of fellows, who make a significant contribution to the legacy of our program. These fellows are a reflection of UNC and GSK's strong long-standing commitment to train and develop the newest generation of pharmaceutical industry professionals."

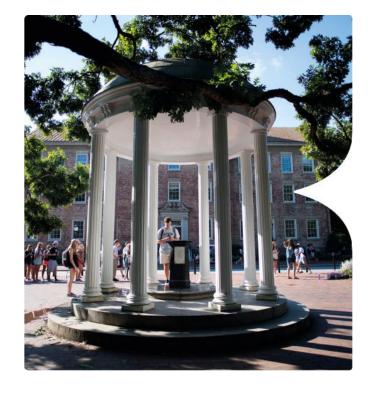
Robert Dupuis, PharmD, FCCP

Director of Fellowship Programs
Professor, Division of Pharmacotherapy and
Experimental Therapeutics



Daniel J. Crona, PharmD, PhD

Associate Director of Fellowship Programs
Associate Professor, Division of Pharmacotherapy
and Experimental Therapeutics



#### CHAPEL HILL, NORTH CAROLINA

The Eshelman School of Pharmacy is part of the University of North Carolina at Chapel Hill, a major research university with a large academic medical center. The School of Pharmacy has specialized research centers pursuing advancements in drug delivery, nanotechnology cancer treatment, pharmacogenomics, and medication optimization.

The Chapel Hill campus is close to the RTP business region, and several large health systems. It offers a rich blend of culture, entertainment, recreation, fine dining, and some of the best college basketball action in the country.





#### Lynn Henson

Senior Director, SERM, Global Safety Department, GSK Clinical Research & Drug Development fellow 1990-1992

#### Melissa Ellis

Director, SERM, Global Safety Department, GSK Clinical Research & Drug Development fellow 1994-1996

#### Susan Ford

Director, Clinical Pharmacology, GSK Pharmacokinetics & Pharmacodynamics fellow 2000-2002

#### Lakshmi Vasist

Director, Clinical Pharmacology, GSK Pharmacokinetics & Pharmacodynamics fellow 2004-2006

#### **Justin Koteff**

Head, Franchise Scientific Communications and Medical Education, ViiV Clinical Research & Drug Development fellow 2009-2011

#### **Bryant Tran**

Medical Director, Specialty Pipeline US Medical Affairs, GSK Clinical Research & Drug Development fellow 2009-2011

#### Christine Trezza

Director, Medical Governance & Operations, Global Medical Affairs, ViiV Clinical Research & Drug Development fellow 2013-2015

#### Jennifer Kim Cremer

Director, Clinical Development, Respiratory & Specialty, GSK Clinical Research & Drug Development fellow 2014-2016

#### Prani Paka

Global Medical Lead, Global Medical Affairs Oncology, GSK Medical Affairs fellow 2016-2018

#### Hitesh Patel

Medical Director, Medical Affairs, Medical Affairs fellow 2017-2019

#### Eric Mui

Associate Director, CMC Regulatory Affairs, Development-GRA-Biopharm Development Projects Chemistry, Manufacturing, Controls (CMC) fellow 2019-2021

#### Fernando Carreño

Manager, Quantitative
Clinical Pharmacology
Oncology - Clinical
Pharmacology, Modeling and
Simulation (CPMS) Department
Pharmacokinetics/
Pharmacodynamics fellow
2019-2021

#### Lauren Xu

Associate Director, CMC Global Regulatory Affairs, GSK Chemistry, Manufacturing, and Controls (CMC) fellow 2020-2022

#### **Darrian Proco**

Medical Director, Medical Affairs, GSK Medical Affairs fellow 2020-2022

#### Stephanie Kim

Associate Director, Specialty Therapeutic Group, Global Regulatory Affairs, GSK Global Regulatory Affairs fellow 2021-2022

#### Haley Karpick

Associate Director, Oncology, Oncology Therapeutic Group, Global Regulatory Affairs, GSK Global Regulatory Affairs fellow 2021-2023

#### Michele Muir

Medical Director, Gynecologic Malignancies, Medical Affairs, GSK Medical Affairs fellow 2021-2023

#### **Christopher Ramdass**

Professional Society Associate Director, Strategy & Operations, GSK Medical Affairs fellow 2022-2024

#### Eugene Lee

Medical Science Liaison, Hepatology Medical Affairs fellow 2023-2025

#### **Bashir Idris**

Manager, Specialty Therapeutic Group, Global Regulatory Affairs,

GSK Global Regulatory Affairs (Specialty) fellow 2023-2025

#### Faatimah Arshad

Manager, Oncology, Global Regulatory Affairs GSK Global Regulatory Affairs (Oncology) fellow 2023-2025

#### Jessica Miller

Regulatory Project Manager, Chemistry Manufacturing and Controls (CMC) Development Projects, GSK Chemistry, Manufacturing, and Controls (CMC) fellow 2023-2025

#### Kristina Paramore

Associate Scientific Director, SERM, Global Safety Department, GSK Global Pharmacovigilance fellow 2023-2025

#### **Employed at UNC**

#### **Denise Rhoney**

Associate Dean for Curricular Innovation, PACE, UNC Eshelman School of Pharmacy Clinical Research & Drug Development fellow 1993-1995

#### Craig R. Lee

Professor of Pharmacy, DPET, UNC Eshelman School of Pharmacy Clinical Research & Drug Development fellow 2000-2002

# Application and Eligibility

The UNC Eshelman School of Pharmacy and GSK Pharmaceutical Industry Fellowships commence in July 2026.

Applicants must submit an online application including a letter of interest, CV, unofficial transcript, and 3 letters of recommendation.

Interviews will be arranged virtually for selected candidates.



US Medical Affairs, Global Regulatory Affairs and Global Pharmacovigilance



Visit <a href="http://pharmacydpetfellowships.web.unc.edu">http://pharmacydpetfellowships.web.unc.edu</a> for application instructions and deadlines. Early applications are highly encouraged.





#### **GSK**

#### Durham

406 Blackwell Street, Suite 300, Durham NC 27701

#### **FMC Tower**

2929 Walnut Street, Suite 1700, Philadelphia PA 19104

#### **Upper Providence**

1250 S Collegeville Rd, Collegeville PA 19426

www.ask.com

#### UNC Eshelman School of Pharmacy

The University of North Carolina at Chapel Hill 301 Pharmacy Lane Chapel Hill NC 977599pharmacy.unc.edu