

sanofi



Biopharmaceutical Industry Fellowship Program 2023-2025

Celebrating 20 Years



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About Sanofi

Sanofi is an innovative global healthcare company, driven by one purpose: we chase the miracles of science to improve people's lives. Sanofi's global specialty care business unit focuses on rare diseases, rare blood disorders, neurology, immunology, and oncology. Its approach is shaped by a long history of developing highly specialized treatments and forging close relationships with physician and patient communities.

Our cutting-edge science and manufacturing, fueled by data and digital technologies, have the potential to transform the practice of medicine for millions of people around the world.



Celebrating 20 Years



In 2023, Sanofi (Genzyme) celebrates 20 years as a founding member of the MCPHS Biopharmaceutical Industry Fellowship Program. Since its inception, our program has prepared fellows for rewarding careers in the biopharmaceutical industry through hands-on experience and mentorship.

The Sanofi-MCPHS program has grown to become one of the largest, well-known, and well-respected fellowship programs in the industry. The program aligns itself with Sanofi's purpose and identity, driving its fellows to grow, to learn, and collectively push our limits. At Sanofi, we chase the miracles of science to improve patient lives.

“

“From the very first day, I was mentored, coached, and taught by some of the greatest minds in the company. From going through rigorous MSL Certification Training, to leading congress planning, spearheading competitive intelligence training, facilitating advisory boards and even cross-covering two territories – I came out of the fellowship more than prepared to step into an MSL role. In addition to my professional skills, my team took time to get to know me personally and even allowed me to build my personal goals with projects like giving a motivational speech at our North American Medical Meeting. It is with complete confidence that I say, the Sanofi fellowship program is simply one of the best.”

Patrice Gabriel, PharmD

*US Medical/Medical Science Liaison: Neurology Fellow
Medical Science Liaison, Rare Blood Disorders - Rare Hematology
Fellowship Class of 2022*

Letter from the Directors

Dear Candidates,

We would like to thank you for your interest in exploring our long-standing Sanofi/MCPHS Biopharmaceutical Industry Fellowship Program as you set out to write the next chapter in your professional career.

We have had the privilege of seeing this program grow to be one of the largest, most well-known, and well-respected fellowship programs in the industry. Our post-doctoral PharmD fellowship has a diverse offering of program opportunities across different functions and therapeutic areas, a seasoned panel of Program Directors and Preceptors, a strong network of 47 Sanofi PharmD Fellows, and the support of a company that is committed to its people and the patients we serve.

Over the last decade, we have had the honor of mentoring and learning from an incredibly talented group of professionals, and we look forward to continuing the tradition. On behalf of Sanofi, we wish you much success, whichever path you may choose.

Sincerely,



Jill Ilsley, PhD

Fellowship Co-Director, Sanofi PharmD Fellowship
Senior Director, Head of Global Scientific Communications,
Immunology



Michael E. Tonn, PharmD, BCPS

Fellowship Co-Director, Sanofi PharmD Fellowship
Director of Field Medical Operations and Strategic Projects
North America Medical Sanofi Specialty Care



Letter from the Chief Fellow

Dear Candidates,

Thank you for considering the Sanofi/MCPHS Biopharmaceutical Industry Fellowship Program. Centered in the biotech hub of the world, our program aims to develop top PharmD talent by offering a wealth of mentorship, leadership, and academic opportunities while also recognizing the value that PharmDs bring to industry. We are a large, but cohesive network of current and former fellows, both within Sanofi and at other companies across the country, dedicated to providing valuable experiences and personal growth drivers to bring success to each member of our program.

As Chief Fellow, I represent a 47-strong class of ambitious Sanofi Fellows to incorporate our voices and ideas into key decisions. I collaborate with our Fellowship Directors and MCPHS leadership to cultivate a robust and well-rounded experience for our fellows and help maintain our strong relationships with preceptors, program leads, and alumni. I also support the Fellowship Directors in establishing and achieving core annual goals for the program by overseeing three fellow-led professional committees, and above all, I have the humble privilege of working together with my incredible co-fellows in our unwavering pursuit of excellence.

To the candidates of today and leaders of tomorrow: I wish you the best of luck during the fellowship recruitment process and in finding the right program for your career.

Sincerely,



Myra Fu, PharmD
Chief Fellow 2022-2023
Global/US Commercial Strategy: Oncology



About MCPHS



The Massachusetts College of Pharmacy and Health Sciences (MCPHS) provides an academic environment to guide and support Fellows toward a successful career in the biopharmaceutical industry.

As a private institution with a history of specialization in health sciences, MCPHS offers programs that embody scholarship, professional service, and community outreach.

Through MCPHS, the Fellow will have the opportunity to gain teaching and research experience in an academic setting. MCPHS faculty and company Program Leaders mentor Fellows according to scholarly and professional interests throughout the 2-year program.

MCPHS Fellowship Team



Ameer Mistry, PharmD, RPh

Biopharmaceutical Industry Fellowship Director and Professor
of Pharmacy Practice
Massachusetts College of Pharmacy and Health Sciences

Dr. Ameer Mistry is Professor of Pharmacy Practice and has been with MCPHS since 2006. Dr. Mistry earned her PharmD at the Albany College of Pharmacy and completed a PGY1 Community Based Residency with Walgreens and MCPHS. In 2015, Dr. Mistry stepped into the role as Director of the MCPHS Biopharmaceutical Industry Fellowship Program. She works directly with leaders in the area to continue to foster growth and development of the post-graduate program, and to assist the fellows in attaining positions within the pharmaceutical industry.



Samantha Nganju, BA

Fellowship Program Manager,
MCPHS



Tara Miskell

Fellowship Administrative Assistant,
MCPHS

Diversity and Inclusion

At Sanofi, diversity and inclusion is foundational to how we operate and is embedded in our Core Values.

We recognize that, to truly tap into the richness diversity brings, we must lead with inclusion and have a workplace where those differences can thrive and be leveraged to empower the lives of our colleagues, patients, and customers. We respect and celebrate the diversity of our people, their backgrounds and experiences, and provide equal opportunity for all.

Our New All In Strategy

Sanofi co-created its new global diversity and inclusion strategy, *All In*, with insights from people across the business and around the world. *All In* aims to develop an environment that shapes and drives our approach to each other and our communities.

We stand against racism, discrimination, and inequality. We stand for inclusion, diversity, and opportunity. We accept our responsibility to work for a more just and equitable world.



Focus Areas

Over the years, Sanofi Specialty Care has focused on several medical areas, while remaining unified by a few key principles: addressing unmet medical needs, exploring innovative technologies and treatment approaches, and improving the lives of patients worldwide.



RARE DISEASES

Lysosomal storage disorders (LSDs)—a group of rare genetic conditions caused by enzyme deficiencies—are a cornerstone of our business, and the medical area for which we are most well-known.

Over the past 40 years, we have developed different therapies for the treatment of many rare diseases. Our first area of focus was Gaucher disease and in the past two decades we've expanded our focus to Fabry disease, Pompe disease, Mucopolysaccharidosis I, and acid sphingomyelinase deficiency.

NEUROLOGY

With 18 years' commitment in multiple sclerosis (MS), we have relentlessly worked to improve the lives of the 2.3 million people worldwide living with this serious, life-long neuro-degenerative disease. Since the launch of our portfolio in 2012, we have rapidly emerged as a leader in MS, bringing two therapies to patients in more than 80 countries worldwide.

We are committed to accelerating the development of potential treatments for MS, amyotrophic lateral sclerosis, and other neurological diseases.



ONCOLOGY

We're building on a rich legacy in oncology. With a strong pipeline and renewed commitment to advancing transformative therapies, we aim to improve outcomes and impact the lives of people living with many different types of cancer. Our oncology strategy focuses on assets across skin, blood, breast, and lung cancers, and centers on treatments that we believe have the potential to transform patient care.



RARE BLOOD DISORDERS

Hemophilia, a rare genetic blood disorder that impairs the ability of blood to clot, is the cornerstone of the Rare Blood Disorders franchise. Our extended half-life factor replacement therapies for people with hemophilia A and B were launched in 2014, becoming the first innovations in hemophilia management in 20 years. Since then, they have been used to treat over 3,500 people with hemophilia worldwide.

We launched the first approved treatment for acquired thrombotic thrombocytopenic purpura (aTTP), a rare, life-threatening, autoimmune-based blood disorder. aTTP is characterized by extensive clot formation in small blood vessels throughout the body, leading to a low platelet count, a loss of red blood cells, and restricted blood supply to parts of the body.

IMMUNOLOGY

Our portfolio includes a competitive biologic treatment approved for people with moderate-to-severe atopic dermatitis (the most common form of eczema). This medicine is also approved for people 12 years and older with moderate-to-severe atopic dermatitis, asthma, chronic rhinosinusitis with nasal polyps, and eosinophilic esophagitis. We are also studying it in a variety of other type 2 inflammatory diseases, including chronic obstructive pulmonary disease, dermatologic conditions, and more than a half dozen others. Another medicine for adults with moderate-to-severe rheumatoid arthritis is being studied as a potential treatment for polyarticular juvenile idiopathic arthritis and systemic juvenile arthritis. In addition to our deep commitment and investment in treating diseases driven by type 2 inflammation, we continue to actively expand our work across other immunological pathways that contribute to a variety of diseases, leveraging new approaches and platform technologies for the benefit of patients.



Global/US Commercial Strategy

Rare Diseases

Program Goals

To achieve a thorough understanding of marketing and commercial strategies within the Rare Diseases Franchise. This unique program will be in support of Global commercial and brand strategy development during the first year, followed by tactical implementation and execution of these strategies in the United States during the second year. The Fellow will work in several key functional areas within the commercial organization. Upon completion of this program, Fellows will gain an understanding of competitive dynamics and customer needs. In addition, they will be well versed in product positioning and resonant marketing content generation. The experience will enable Fellows to embark on a career within the pharmaceutical industry in product management, commercialization, and market development.

Primary Objectives

- Assist the cross-functional core team in the development of Global and US brand strategy and support its implementation.
- Collaborate on the development and refinement of product value messaging and disease-awareness materials to support strategic priorities globally and regionally.
- Increase brand and disease state awareness through coordinated marketing opportunities at conferences.
- Lead and execute orphan disease awareness and product marketing campaigns targeted at HCPs and patients.
- Assist in the design and development of digital and omnichannel strategies to secure an effective level of interaction with HCPs and patients
- Manage agency partners to produce strategic materials on schedule and within budget.
- Identify data gaps and develop appropriate solutions via the coordination of market research activities.
- Compile and disseminate competitive intelligence insights across the global, regional, and country brand teams.
- Provide commercial assessments regarding business development opportunities that may complement the Rare Diseases portfolio.
- Gain insight into the integral and strategic roles of various functions within the Rare Diseases Business Unit throughout the lifecycle of a product.

Elective Rotations

- Market Research
- New Product Planning
- Competitive Intelligence
- Franchise Marketing Operations
- Humanitarian Programs
- Patient Advocacy
- Digital Marketing

Program Leads



Raghu Vishwanath, BSc, MSc, MBA
Global Head Franchise Operations,
Rare Diseases



Edith Windsor, PharmD, MBA
Global Brand Lead, MPS and GM2

First-Year Fellows



Jamie Kasiewicz, PharmD
University of Connecticut



Kyra Durfee, PharmD
University of Connecticut

Second-Year Fellow



Katherine Hsu, PharmD
University of the Pacific



Global/US Commercial Strategy

Oncology

Program Goals

To develop a leadership pipeline of top PharmD talent in the commercial function. The program provides in-depth training through robust rotational experiences across our U.S. and Global Specialty Care Business Units, featuring the potential to support launch execution within the Oncology franchise. Rotations are strategic, challenging, and meaningful, providing the opportunity to make an impact in the lives of cancer patients around the globe. This fellowship launches your career to the next level by integrating the fellow as a core contributor both in a brand team and across the portfolio.

Primary Objectives

- Assist the cross-functional core team in the development of Global and US brand strategy and support its implementation.
- Manage agency of record and third-party vendors to develop and execute omni-channel promotional tactics in alignment with global and local brand strategy.
- Contribute to the annual brand operational planning process by shaping the tactical plan and associated financial elements required to activate brand strategic imperatives.
- Support domestic and international congress planning initiatives to enhance brand- and Sanofi-wide presence at major oncology congresses.
- Collaborate cross-functionally to cultivate relationships with prioritized stakeholders by planning advisory boards, speaker programs, and other engagement activities.
- Monitor emerging scientific evidence and leverage clinical expertise to provide meaningful insights to marketing teams and effectively target key audience segments.
- Propose solutions to optimize marketing leadership based on defined KPIs and metrics analysis of personal, non-personal, and peer-to-peer promotional tactics.
- Support market research and insights activities to identify behavioral trends and impact key strategic decisions.

Core Focus

- Global Marketing
- Global Franchise Strategy, New Product Planning & Operations
- US Marketing
- US Market Access

Elective Rotations

- Market Research
- Competitive Intelligence
- Forecasting & Analytics
- Sales/Field Training



Program Lead



Wendy Cheung, PharmD

Head of Global Oncology Strategy, Operations, and NPP

First-Year Fellows



Chidinma Onyia, PharmD
University of Colorado



Joshua Liu, PharmD
Keck Graduate Institute

Second-Year Fellows



BeiBei Ding, PharmD, MBA
St. Louis College of Pharmacy



Myra Fu, PharmD
Purdue University

Preceptors



**Loura Said, PharmD,
MBA, RPh**
Director, Oncology V&A



Johnny Chung
US Brand Lead, Oncology



Francois-Xavier Etaix, MBA
Global Brand Lead, Oncology



Global Scientific/Medical Communications

Rare Diseases

Program Goals

To gain a thorough understanding of Global Medical Affairs, Publications, and Medical Communications while working cross-functionally as an integral member of the Global Medical Rare Diseases team.

Primary Objectives

- Collaborate with Scientific Communication Leads, Medical Directors, and cross-functional team members to develop medical content in line with the Global Medical Affairs Plan.
- Serve as a core member of the Medical team to ensure that activities and initiatives are aligned with those of the cross-functional partners in a way that achieves collective goals.
- Attend medical/scientific meetings to analyze and report information that will help shape our Medical plans and cross-functional initiatives.
- Work collaboratively with key external clinical trial investigators, key opinion leaders and healthcare professionals to drive the strategy for data dissemination across product lifecycles, in alignment with Medical and Scientific Communications objectives.

Program Lead



Carmen Garcia-Curiel, PhD
Head Rare Diseases Global Scientific & Medical Communications

Core Focus

- Medical Communications and Publications
- Medical Education
- Medical Digital Initiatives
- Strategic Planning & Operations

Elective Rotations

- Medical Science Liaison
- Scientific Affairs
- Medical Evidence Generation
- Medical Scientific Advocacy
- Others



First-Year Fellow



Holly Wong, PharmD
Northeastern University

Second-Year Fellows



Soo Han Yoon, PharmD
Northeastern University



Tatjana Djakovic, PharmD, RPh
University of Illinois at Chicago

Preceptors



Kristin Leonberg, MS, RD, CSR, CDCES
Associate Director, Scientific & Medical
Communications Rare Diseases



Lisa Underhill, MS
Director, Global Scientific & Medical
Communications: Rare Hematology



Global Scientific/Medical Communications

Oncology

Program Goals

To gain an appreciation and understanding of the role of Scientific Communications and Medical Affairs within a leading BioPharma business, through broad hands-on experiences, dedicated mentorship, and longitudinal core responsibilities.

Primary Objectives

- Serve as a core member of the Medical team and assist with the development and approval of integrated medical plans, scientific communications, and medical education programs.
- Identify, establish, and maintain collaborative relationships within the industry.
- Develop and execute on strategic publication plans, collaborating with key internal and external stakeholders and medical communications agencies by providing writing, editorial and/or project management support in accordance with Good Publication Practices, company policies and International Committee of Medical Journal Editors (ICMJE) guidelines.
- Understand the integral and strategic roles of various functional groups within Oncology and across Sanofi through a product's lifecycle.
- Work cross-functionally to ensure that activities and initiatives are strategically aligned and maintain the highest standards of compliance in accordance with corporate policies and all regulations.

Program Lead



Teri Michelini, PharmD
Head, Oncology
Global Scientific Communications

Core Focus

- Scientific Communications
- Strategy & Planning
- Medical Communications
- Scientific Publications

Elective Rotations

- Medical Director
- Medical Science Liaison/Field Medical
- Competitive Intelligence
- Clinical Study Operations
- Public Affairs
- Others



First-Year Fellow



Vijay Anand, PharmD
Rutgers, The State University of
New Jersey

Second-Year Fellow



Anna Odogwu, PharmD
MCPHS - Boston

Preceptors



**Rosemary Richardson,
PharmD, CMPP**
Associate Director of Global
Medical Communications -
Oncology



Ryan Peterson, PharmD
Associate Director, Global
Medical Communications -
Oncology



Karen Lam, PhD
Global Medical Communications
Lead - Breast Cancer



Global Scientific/Medical Communications

Immunology

Program Goals

To gain an appreciation and understanding of the role of Global Scientific/Medical Communications team within a leading BioPharma business, through broad hands-on experiences, dedicated mentorship, and longitudinal core responsibilities.

Primary Objectives

- Serve as a core member of Global Scientific Communications with Global Medical Affairs and assist with the development and approval of integrated medical plans, scientific communications, and medical education programs.
- Support medical launch readiness, data dissemination, and education across multiple disease areas (asthma, atopic dermatitis, and other respiratory dermatology, gastroenterology, and allergic diseases)
- Participate in strategic publication planning and development, collaborating with key internal and external stakeholders and agencies, in accordance with policies and industry guidelines.
- Work cross-functionally to ensure that activities and initiatives are strategically aligned and maintain the highest standards of compliance in accordance with corporate policies and all regulations.
- Understand the integral and strategic roles of various functional groups within Immunology and across Sanofi through a product's lifecycle.
- Identify, establish, and maintain collaborative relationships within the industry.

Core Focus

- Medical/Scientific Communications
- Strategic Publication Planning
- Medical Education
- Multichannel Digital Strategy

Elective Rotations

- Medical Operations
- Competitive Intelligence
- Field Medical Training
- Medical Science Liaison
- Others



Program Lead



Jill Ilsley, PhD

Senior Director, Head of Global Scientific Communications, Immunology

First-Year Fellows



Subanky Sivagnanalingam, PharmD
University of Pittsburgh



Katia Nguyen, PharmD
University of Kentucky

Second-Year Fellows



Abigail Nesbeth, PharmD
University of Florida



Waverly Yang, PharmD
The University of Texas at Austin

Preceptors



Christine Lindquist
Scientific Director, Global Scientific
Communications - Dermatology



Colin Mitchell, PhD
Director Medical Publications - Respiratory



Stephanie Colucci, PharmD, MPH
Associate Scientific Director - Franchise New
Indications, Immunology



Bryn Gaertner, PhD
Medical Communications Lead - Respiratory



Global Scientific/Medical Communications

Neurology

Program Goals

To gain an understanding of the role of Medical Communications, Publications and Training within the Global Medical Multiple Sclerosis and Neuroscience team, through broad hands-on experiences, dedicated mentorship and longitudinal core responsibilities that will prepare the Fellow for a career in the pharmaceutical industry.

Primary Objectives

- Develop skills in both data generation and data dissemination that facilitate medical communications and publications providing scientific excellence for the ultimate benefit of patients.
- Contribute to the execution of the strategic medical communication tactics including scientific platform, interactive digital materials (brochures, animation videos, publication digital enhancements, internal/external websites and platforms, etc), and training resources.
- Execute strategic publication plans in accordance with policies and International Committee of Medical Journal Editors (ICMJE) guidelines, collaborating with key internal and external stakeholders and agency partners.
- Become an integral member of congress planning teams to develop materials and publications supporting key neurology and multiple sclerosis medical congresses such as the American Academy of Neurology (AAN), Consortium of Multiple Sclerosis Centers (CMSC), European Academy of Neurology (EAN), Peripheral Nerve Society (PNS), and European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS).
- Participate in new hire training curriculum to build verbalization skills and scientific acumen necessary for direct scientific exchange with healthcare providers (Sanofi MSL certification opportunity available).

Core Focus

- Medical Communications
- Scientific Publications
- Medical Director Collaboration
- Medical Strategy
- Congress Planning & Execution
- Field Training

Elective Rotations (Year 2)

- Medical Director
- Medical Science Liaison
- Health Economics Value Assessments (HEVA)
- Medical Value & Outcomes
- Additional options based on interest

Program Lead



Svend Geertsen, PhD
Head, MS & Neurology Scientific Communications

First-Year Fellows



Congjian (Rebecca) Zhou, PharmD
Rutgers, The State University of
New Jersey



Renee Nguyen, PharmD
University of Texas at Austin

Second-Year Fellow



Allen Amedume, PharmD
MCPHS - Boston

Preceptors



Avani Patel, PharmD
Associate Director, Global Medical
Communications - Neurology



Aditya Garg, PharmD
Associate Director, Global Medical
Communications - Neurology



Global Scientific/Medical Communications

Rare Blood Disorders

Program Goals

To gain an appreciation and understanding of the role of the Global Scientific & Medical Communications team in Rare Blood Disorders, through broad hands-on experiences, dedicated mentorship, and longitudinal core responsibilities.

Primary Objectives

- Become an integral part of the Global Rare Blood Disorders team in developing and executing medical brand strategies and tactics within the framework of the business unit.
- Collaborate with key internal and external stakeholders and scientific communications agencies, providing writing, editorial, and/or project management support in accordance with policies and International Committee of Medical Journal Editors (ICMJE) guidelines.
- Contribute to the execution of the strategic medical communication tactics including scientific education and training materials, interactive digital materials, and resources to support the field medical team.
- Understand the integral and strategic roles of various functional groups within Rare Blood Disorders and across Sanofi through a drug's lifecycle.
- Collaborate with scientific communication leads on development, strategic alignment, and execution of Rare Blood Disorders congress strategies.

Core Focus

- Medical Communications
- Publications
- Congress & Training
- Medical Affairs

Elective Rotations

- Medical Science Liaison
- Real World Evidence
- Health Economics & Value Assessment (HEVA)
- Others



Chijioke Okafor, PharmD, MBA
Global Head Scientific Communications -
Rare Blood Disorders

First-Year Fellows



Josef Wills, PharmD, RPh
Florida A&M University



Alicia Kim, PharmD
Northeastern University

Second-Year Fellow



Melissa Horenstein, PharmD, RPh
Florida A&M University

Preceptors



Gabriela Marcheva, PharmD
Associate Director Global Scientific
Communications - Rare Blood Disorders



Ronnie Yoo, PhD
Associate Director Global Scientific
Communications - Rare Blood Disorders



Global/US Medical *Oncology*

Program Goals

To develop skills as a trusted medical partner within a wider biopharmaceutical company in both office and field-based operations to enhance the understanding of the scientific and medical value of our oncology products. This will be achieved through personalized one on one mentoring.

Core Focus on Global Medical Team:

- Work directly with global medical directors to develop strategic plans based on medical insights
- Support team in external stakeholder engagement through conference initiatives, advisory board planning, and other tactics
- Leading medical education initiatives such as directed medical education projects to raise awareness for disease states and patients' unmet needs

Core Focus on US Medical Field Team:

- Collaborate with the field medical teams to engage with external stakeholders on medical and scientific information in Oncology in both one-on-one interactions and group settings
- Gather medical insights from external stakeholder interactions, contribute to the analysis of collected insights and provide appropriate actionable recommendations
- Support the overall operational function of a medical department by participating in process improvement initiatives and competitive intelligence reporting

Program Leads



Zsuzsanna Devecseri, MD, MBA
Head, Global Oncology Medical Affairs



Helena O'Beirne, MA, PhD
Head of NA Medical Affairs Oncology

First-Year Fellows



Nadine Elbetanony, PharmD
University of Rhode Island



Emily Duong, PharmD
Rutgers, The State University of
New Jersey

Second-Year Fellows



Krupa Patel, PharmD
University of Illinois at Chicago



Vishal Shahidadpury, PharmD
University of Florida

Preceptors



Ryan Carstens, PhD
Director of Field Medical
Operations - Strategic
Projects



Alex Seluzhytsky, MD, MBA
Global Medical Lead,
Lung Cancer



Sofija Andejelic, MD
Global Medical Lead,
Skin Cancers



US Medical/Medical Director

Neurology

Program Goals

Gain an understanding of US Medical Directors' role within the Neurology business unit by fully integrating as an essential member of the North American Medical Organization. Additionally, develop as a well-rounded biotechnology professional with broad understanding of Medical Affairs by rotating with Field Medical, Medical Communications and Publications, and Medical Value & Outcomes.

Primary Objectives

- Become an integral part of the Multiple Sclerosis and Neurology Medical Director team by driving development and execution of medical brand strategies and tactics within the framework of the business unit.
- Work closely with Headquarters Medical and the Medical team to communicate up-to-date scientific/medical information and attend scientific/medical congresses to better understand the Medical role at these events.
- Interact with Key Opinion Leaders (KOLs) through field rides and other activities to develop a comprehensive understanding of the role and needs of Field Medical.
- Collaborate with key internal and external stakeholders and scientific communications agencies to develop scientific and medical materials used throughout the Medical and the Multiple Sclerosis & Neurology Business Unit, such as training materials and other projects.
- Participate in New Hire Training curriculum and complete MSL certification for multiple neurological disease states, marketed products, and emerging pipeline products.

Core Focus

- Headquarters US Medical Director
- Medical Science Liaison
- Medical Publications/Communications
- Medical Value and Outcomes

Elective Rotations

- Pharmacovigilance
- Clinical Development
- Patient Advocacy
- Others



Program Lead



Alex Lublin, PhD
US Sr. Medical Director, Neurology

First-Year Fellow



Leah Valdes, PharmD
University of Florida

Second-Year Fellow



David Farber, PharmD
University of Michigan

Preceptors



Jason Enders, PharmD, BCPS
US Medical Director, Neurology



Nora Roesch, PhD
US Medical Director, Neurology



US Medical/Medical Science Liaison

Neurology

Program Goals

The Neurology Medical Science Liaison Fellow will fully integrate into the Field Medical Team in this fellowship experience. Our goals focus on development of the knowledge, skills, and behaviors required for success and career readiness in the MSL role. Fellows will focus on mastery of neurology medical evidence and therapeutics, development of effective scientific communication skills, and understanding and collaboration with all key function within Medical affairs and the MS Neurology Business Unit.

Primary Objectives

- Participate in the New Hire Training curriculum and complete MSL certification in Multiple Sclerosis and the Neurology Pipeline (BTK inhibition in MS and Myasthenia Gravis, ALS and CIDP).
- Participate with various medical teams to shape medical strategy and development of core medical materials and field tactics.
- Work in the field, with a Medical Science Liaison mentor to gain skills in effective communication of scientific data, application of medical strategy, and development of scientific partnerships with practitioners in Multiple Sclerosis, Myasthenia Gravis, ALS and CIDP.
- Own and fully execute strategic projects such as congress planning and well-defined work team projects.
- Collaborate directly with the Medical Value & Outcomes and US Payer Organization.
- Engage in professional development opportunities related to MSL core competencies.

Program Lead



Dorothy Houston, PharmD
Field Director - Medical Science
Liaisons - Multiple Sclerosis

Core Focus

In-Field Work:

1. Intensive MSL Mentorship
2. KOL Engagements
3. Medical Value & Outcomes Experience

In-House Rotations:

1. Medical Directors Rotation
2. Scientific Communications and Engagements
3. Medical Information Services

Elective Rotations

- Neurology Franchise & Competitors
- Pharmacovigilance & Drug Safety
- Others



First-Year Fellow



James Eggleston, PharmD
University of Florida

Second-Year Fellow



Osazemen Eguae, MD, PharmD
Northeastern University

Preceptors



Jennifer Cardone, PharmD
Senior Medical Science Liaison



Risako Robinson, PharmD
Medical Science Liaison



US Medical/Medical Science Liaison

Rare Diseases

Program Goals

The US Rare Diseases Medical Science Liaison (MSL) fellow will become a therapeutic expert in rare, genetic conditions and will disseminate clinical and scientific information in a compliant and fair-balanced manner to internal and external colleagues. Fellows will collaborate cross-functionally leading high impact projects to drive the overall medical strategy. This fellowship will prepare the candidates for a field-based MSL position.

Primary Objectives

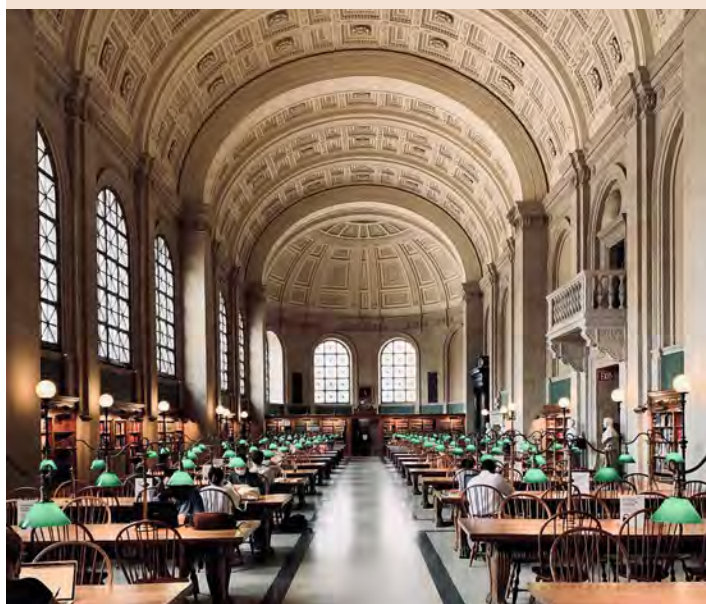
- Prepare for the role of a field-based MSL within US Rare Diseases Medical Affairs by participating in new MSL training and completing MSL certification.
- Collaborate with Medical Directors and MSLs, and lead Medical Affairs projects, including creation of internal and external deliverables, congress planning, and managing Medical Affairs Journal Club.
- Attend medical and scientific meetings and congresses to ensure an in-depth understanding of cutting-edge information that will help shape the Medical Affairs strategy.
- Lead disease state and treatment training sessions for internal commercial colleagues.
- Establish collaborative relationships with internal colleagues in various departments within Sanofi, as well as external colleagues.

Core Focus

- US Rare Diseases Medical Science Liaison Team

Elective Options

- US Rare Diseases Medical Director
- Medical Communications
- Research and Development
- Competitive Intelligence
- Others



Program Lead



Helen Travers, MS, CGC
Senior Director and Head,
US Rare Diseases MSLs

First-Year Fellow



Alexa Kareco, PharmD
Northeastern University

Second-Year Fellow



Jonathan Tang, PharmD
Northeastern University

Preceptors



Rebecca Call, PharmD, RPh
Field Medical Science Associate Director
of Training



Angelo Walton, PharmD, RPh
Field Medical Science Associate Director
of Training



US Medical/Medical Science Liaison

Immunology

Program Goals

Prepare for the role of a field-based Medical Science Liaison (MSL) within a Medical team by completing MSL certification. Establish a collaborative relationship with Field Medical teams, and support and learn from planned field activities. Support coverage and presentations at medical and scientific meetings to ensure an in-depth understanding of cutting-edge information that will help shape the Medical strategy. Lead projects within US Medical, including creation of deliverables and internal resources for teams.

Primary Objectives

- To garner a strong understanding of the various roles within immunology functional areas, including, but not limited to, U.S./Global Medical, Global Scientific Communications, Global Clinical Studies Unit, Medical Value & Outcomes, and Global Medical Information, and identify potential areas of further growth and development across the organization.
- To become a content expert on the clinical and scientific data around approved indications and potential future indications.
- To strengthen the collaborative relationships with the Field and Headquarters Medical teams.
- To cultivate professional relationships cross-functionally and identify at least one project to lead within a functional area different than Medical/Field Medical
- To gain hands-on experience as a Field Based Medical contributor to facilitate a seamless transition to an FTE Field Based Medical role.



Program Lead



Daniel Hong, PharmD
Director - Respiratory
Medical Science Liaison Lead

First-Year Fellow



Jake Kirkpatrick, PharmD, MBA
University of Kentucky

Second-Year Fellow



Stephanie Wu, PharmD, MBA
Cedarville University

Preceptors



Brad Lamotte, PharmD
Medical Director, US Medical Affairs



US Medical Value & Outcomes

Program Goals

To gain advanced experience in field medical interactions with US payers and other health-care delivery models including PBMs, HMO/PPO, ACO/IDN, Medicare, Medicaid, and specialty pharmacies. This experience will provide exposure to numerous medical and commercial functions within Sanofi Specialty Care and prepare the candidate for a field-based Medical Value & Outcomes role.

Primary Objectives

- Collaborate between the US Medical Value & Outcomes Care position (focused in Neurology, Oncology, Immunology, and Rare Blood Disorders) and internal stakeholders (Medical Affairs, Market Access, Real World Evidence, and Health Economics Outcomes Research), gaining a balanced, yet extensive amount of exposure to our field medical areas.
- Work closely with the Medical Value & Outcomes team to provide medical education and health outcomes solutions to healthcare decision makers.
- Support the Medical Value & Outcomes team in developing resources / tools for customer engagements and provide insights to internal medical teams on evidence gaps relevant to specific accounts.
- Work with the Medical Value & Outcomes and Health Economics & Outcomes Research teams to identify and support Health Economics & Outcomes Research strategies and projects with payers and research organizations.
- Gain an understanding of the various payer models and translate clinical and health economics data to deliver targeted value propositions to specific customers.

Core Focus

- Medical Value & Outcomes (HQ and Field Medical Relations)
- Health Economics & Value Assessment (HEVA)
- Medical Science Liaison
- Healthcare Policy
- Value & Access (Commercial)

Elective Rotations

- Medical Global Scientific Communications
- Competitive Intelligence
- New Product Development Marketing



Program Lead



Michael Tonn, PharmD, BCPS
Director, Field Medical Operations & Strategic Projects

First-Year Fellow



Shani Patel, PharmD
University of Illinois at Chicago

Second-Year Fellow



Aisha Fowler, PharmD
The University of Texas at Austin

Preceptors



Janet Ritter, PharmD, BCPS, CAE, CDE
Director, National Accounts Content &
Communications Strategic Lead



Jon Kendter, PharmD
Director, Medical Value & Outcomes



Global Pharmacovigilance

Program Goals

The pharmaceutical industry is responsible for monitoring, assessing, and communicating safety information throughout a product's lifecycle. At Sanofi, the Global Pharmacovigilance Department is responsible for these activities. The aim of pharmacovigilance is to enhance patient care and safety in relation to the use of pharmaceutical products by ensuring the benefit-risk profile remains favorable. Pharmacovigilance is a thriving field within the pharmaceutical industry and as regulations continue to expand and evolve the need for knowledgeable and qualified personnel increases.

Primary Objectives

- Understand the mission of a pharmacovigilance department and the role of Global Pharmacovigilance in clinical development and product lifecycle management.
- Become knowledgeable in current global pharmacovigilance regulations and guidelines, including those in the US and Europe.
- Develop the ability to think strategically with a global pharmacovigilance and regulatory perspective.
- Enhance the ability to critically evaluate, interpret, synthesize, and present safety data in a clear and concise manner through written and verbal communication.
- Expand medical knowledge of products within various therapeutic areas (e.g. Rare Diseases, Multiple Sclerosis, Immunology, Vaccines, and Oncology).

Program Lead



Vito Macrina, BSN, RN, MSN-MBA
Pharmacovigilance Scientist Manager



First-Year Fellow



Saadi Aalem, PharmD
MCPHS - Worcester

Second-Year Fellow



George Kremenets, PharmD
Marshall University

Preceptors



Abigail Gardella, PharmD
Pharmacovigilance Scientist



Shaili Rathod, PharmD, RPh
Pharmacovigilance Scientist



Global Regulatory Affairs

Program Goals

Gain hands-on experience across a variety of specialties within the Global Regulatory Affairs department. Develop a well-rounded understanding of the regulatory functions and drug development process from early stage to post-marketing. Lead team meetings, develop regulatory strategy, and contribute to and lead Health Authority submissions with increasing responsibility throughout the Fellowship program.

Primary Objectives

- Develop regulatory strategic skills while contributing to global pre- and post-approval planning and submissions potentially including: Briefing documents, Health Authority interactions, IND submission, BLA/NDA applications.
- Partner with Medical, Legal, Marketing, and Safety in delivering products for diseases globally.
- Gain experience in the review and approval of labeling and promotional materials, including effective feedback skills.
- Opportunity to engage with global colleagues and learn country/region-specific regulatory processes.
- Develop strong communication and project management skills.

Program Lead



Marilyn Kiral, PharmD, PhD
Senior Director, Oncology
Global Regulatory Affairs

Core Focus & Elective Experiential Opportunities

- Global Regulatory Product Strategy
- Advertising and Promotion
- Labeling
- Regulatory CMC
- Regulatory Digital/Innovation
- Others



First-Year Fellows



Madison Burns, PharmD
University of Connecticut



Baily Thomas, PharmD
Northeastern University

Second-Year Fellows



Himani Dholakiya, PharmD
D'Youville College



Sarah Kovalchik, PharmD
University of Connecticut



Clinical Documentation/Medical Writing

Program Goals

The Clinical Documentation/Medical Writing Fellowship Program is designed to provide PharmDs an opportunity to gain training in writing and managing high quality clinical regulatory documents across different therapeutic areas.

Primary Objectives

- Produce high quality, scientifically accurate clinical regulatory documents for submission to health authorities. Documents include protocols, investigator brochures, and clinical study reports.
- Work effectively with different functional areas and develop project management skills to ensure that projects are delivered per time and quality goals.
- Develop a working knowledge of internal SOPs and guidelines by the regulatory health authorities.

Program Lead



Steven Musuras, BS, DC
Associate Director, Medical Writer

Second-Year Fellow



Sae Hwang, PharmD
MCPHS - Worcester



Global Regulatory Affairs

Chemistry, Manufacturing and Controls & Devices

(NOT RECRUITING)

Program Goals

To gain a thorough understanding of the regulatory functions of the Global Regulatory Affairs Chemistry, Manufacturing, and Controls (GRA CMC) department and build a strong foundation in the drug/ device development process from early stage to post-marketing with a focus in Biologics Chemistry, Manufacturing, and Controls. In this role, Global Regulatory Affairs CMC fellows develop the knowledge and experience to assist the team in effectively and efficiently achieving and maintaining regulatory approvals, with the end goal of delivering consistently safe, effective, and high-quality pharmaceutical products to consumers.

Primary Objectives

- Focus on biologic products in various therapeutic areas which include but are not limited to: rare diseases (many of which are orphan drugs), hematology, immunology, multiple sclerosis, oncology, and diabetes.
- Gain exposure to the entire manufacturing process from development through post-marketing for both Biologics and Medical Devices
- Build and maintain relationships with cross-functional teams to help enhance Sanofi's reputation with health authorities of producing quality pharmaceuticals
- Opportunity for direct agency interactions with both US and non-US health authorities
- Gain an understanding of country-specific regulations by partnering with our affiliates worldwide
- Opportunity to tailor the program to your unique interests and professional development needs

Location: Framingham, MA

Program Lead



Maria O'Connell, MLIS, MS
Associate Director,
Regulatory Affairs: CMC & Devices

First-Year Fellow



Danielle Harper, PharmD
Purdue University



US Public Affairs & Patient Advocacy

(NOT RECRUITING)

Program Goals

To provide the US Public Affairs and Patient Advocacy (US PA&PA) fellow with necessary hands-on experience, knowledge, and skills to make a positive impact on patient health outcomes.

The US PA&PA team partners with US patient advocacy groups and professional societies to champion issues critical to patients. Coordinating the company's approach with external advocates requires active engagement and extensive collaboration with various internal, cross-functional teams across all parts of the company.

As an active member of the healthcare ecosystem, Sanofi is dedicated to the needs of patients and finding collaborative solutions. Our goal is to be a partner who listens, acts, and leads to improve patient health, accelerate medical innovation, and facilitate access to medicines and vaccines. US PA&PA bridges the insights, knowledge, and resources of both the external advocacy community and within Sanofi to support advocacy initiatives that matter most to patients.

Primary Objectives

During this two-year program, the fellow will:

- Build and maintain external advocacy relationships by liaising with US patient groups, medical and professional societies, health foundations, and other stakeholders in the advocacy community to inform internal decision-making and patient-centric initiatives
- Enhance their understanding of the US healthcare system through leadership on cross-functional projects that aim to develop timely, evidence-based, patient-centric solutions
- Develop and enhance critical skills while working with colleagues across Corporate Affairs, R&D, medical, and commercial teams to manage partnerships and projects in a global, diversified healthcare solutions company
- Strategically network and build meaningful relationships with internal leadership and external advocacy leaders across the healthcare ecosystem

Core Focus

- US Public Affairs and Patient Advocacy
- Rare Blood Disorders
- Rare Diseases
- Immunology
- Multiple Sclerosis
- Oncology and Transplants
- Other Therapeutic Areas

Elective Rotations

- Reimbursement and Public Policy
- Science Policy
- Federal and State Government Relations
- Communication and Corporate Social Responsibility
- Market Access
- Global Public Affairs

Program Lead



Eric Racine, PharmD, MBA
VP, Head of US Public Affairs & Patient Advocacy

First-Year Fellow



Cassandra Goodman, PharmD
Ohio Northern University

Preceptors



Bernadette Wang, PharmD
Head, US PA&PA Neurology



Jane Smith
Head, US PA&PA Rare
Blood Disorders



Kate Tighe
Head, US PA&PA Rare
Diseases



Stephen Meunier
Head, US PA&PA
Immunology



Elizabeth Franklin
Head, US PA&PA
Oncology



Fellowship Alumni

Spotlight

**Hannah Kim**

Class of 2022
Global Scientific/Medical
Communications: Rare Blood
Disorders Fellow, Global Scientific
Communications Lead - Rare Blood
Disorders

**Mason Benjamin**

Class of 2022
US Public Affairs and Patient
Advocacy Fellow, Lead, US Public
Affairs & Patient Advocacy -
Immunology

**Dean Bowen**

Class of 2022
Global Scientific/Medical
Communications: Neurology Fellow,
Medical Science Liaison - Neurology

**Reema Patel**

Class of 2022
Global Scientific/Medical
Communications: Rare Diseases
Fellow, Associate Director, Global
Scientific Communications - Early
Neurology Pipeline

**Victoria Flood**

Class of 2022
Global Regulatory Affairs Fellow,
Manager, Global Regulatory Strategy
- Oncology

**Maria Khasminsky**

Class of 2022
Global/US Medical: Oncology
Fellow, Medical Science Liaison -
Hematologic Oncology

**Rosemary Richardson**

Class of 2019
Medical Affairs/Scientific Comms:
Oncology Fellow, Associate Director,
Global Scientific Communications,
Oncology

**Victoria Langas**

Class of 2022
Global Regulatory Affairs Fellow,
Principal Capability Professional,
Business Process & Innovation

**Shaili Rathod**

Class of 2022
Global Pharmacovigilance Fellow,
Pharmacovigilance Scientist

**Ida Bixho**

Class of 2021
Global Regulatory Affairs: Clinical
Documentation/Medical Writing
Fellow, Senior Medical Writer,
Oncology/Rare Diseases

**Stephen Pitarys**

Class of 2022
Global Regulatory Affairs: Chemistry,
Manufacturing and Controls &
Devices Fellow, Senior Associate,
Global Regulatory Affairs - CMC

**Jessica Bannan**

Class of 2015
Global Regulatory Affairs Fellow,
Director, US Regulatory Affairs -
Advertising and Promotion

**Christina Ha**

Class of 2021
Global/US Medical - Oncology
Fellow, Medical Science Liaison -
Oncology

**Nikita Vaidya**

Class of 2018
Clinical Development - Gen Med
Fellow, Medical Director, US Medical
Affairs, Immuno-Oncology

**Stephanie Colucci**

Class of 2021
Global Scientific/Medical
Communications: Immunology
Fellow, Associate Scientific Director,
Franchise New Indications -
Immunology

**Bernard Kim**

Class of 2020
Global Scientific/Medical
Communications - Rare Diseases
Fellow, Senior Medical Science
Liaison - Neurology

**Rebecca Call**

Class of 2018
Medical Affairs/MSL: Rare Diseases
Fellow, Field Medical Science
Associate Director of Training

**Michelle Li**

Class of 2020
Global Commercial Strategy
- Rare Diseases Fellow, Associate
Director, Value and Access -
Dermatology

100% of the Class of 2022 had industry jobs upon
completion of their fellowship programs

11 of 13 Class of 2022 fellows chose to remain at Sanofi





Kevin Luo

Class of 2022

US Medical/Medical Director: Neurology Fellow

Medical Science Liaison, Neurology

“The Sanofi fellowship program helped to develop my personal and professional skills through the rotational structure, mentoring culture, and engaging projects. There is a strong culture of fellows and their role within Sanofi and I believe this program helps mold them into future biopharmaceutical professionals.”

Lane Anson

Class of 2022

Medical Value & Outcomes Fellow

Senior Manager, Medical Value & Outcomes

“I learned a tremendous amount during the Fellowship program, both professionally and personally. It provided me with the skills necessary to transition into my current role and will continue to benefit me as I progress in my career. The value of working with your preceptors and teams is immeasurable when it comes to learning and growing as a young professional new to Industry. Additionally, the opportunity to network with other Fellows in different functional areas, is a great opportunity to learn about various roles to better learn how to work cross-functionally.”



Madison Cisewski

Class of 2022

Global Scientific/Medical Communications: Immunology Fellow

Medical Science Liaison, Dermatology

“The Sanofi fellowship program provided invaluable mentorship and opportunities for professional development. Working on a team that was invested in my growth, allowed me to explore different interests and work on meaningful projects as a fellow.”

Bella Pangaribuan

Class of 2021

Global Commercial Strategy – Rare Diseases Fellow

Senior Product Manager, US Marketing, Rare Diseases

“The Global and US rotations within my Fellowship program gave me a unique perspective on the strategic commercial considerations in different markets. The ability to lead, execute, and measure outcomes of key initiatives deepened my understanding of the Rare Diseases business as a whole and allowed me to interface with functions beyond commercial. During my time as a Fellow, the opportunities, mentorship, and exposure to Senior Leadership prepared me for a seamless transition into my full-time role.”



Application and Recruitment Process

Eligibility

The MCPHS Biopharmaceutical Industry fellows will be selected on a nationally competitive basis. Applicants must have a Doctor of Pharmacy degree from an ACPE accredited college of pharmacy at the commencement of the program.

- Candidates must have strong written and verbal communication skills and a strong interest in pursuing a career within the biopharmaceutical industry.
- All candidates must have authorization to work in the United States throughout the duration of the one or two year fellowship. No visa sponsorship will be provided (i.e., TN, H-1B, STEM OPT, etc.).

Application Procedure

The MCPHS application portal (SMAppl) will open on **Monday October 3rd, 2022**. Applicants must upload the following application materials to the [online portal](https://mcphs.smappl.io) (<https://mcphs.smappl.io>) no later than **Friday, November 11th, 2022**:

- Letter of intent
- Curriculum vitae
- Unofficial college transcript
- Contact information for three references. References will receive an electronic recommendation form to complete separately.

Three recommendation evaluation forms must be submitted no later than **December 1st, 2022** via the online portal. This is NOT a letter of recommendation but an online form that the recommender will receive for completion from SMAppl.

Rolling Application Review & Interviews

All submitted applications will be reviewed on a rolling basis. Interviews will also be offered on a rolling basis and opportunities are limited. Priority will be given to those applicants who apply early, well in advance of the deadline.

Rolling interviews will start mid-October with pre-screens and a mixture of interview rounds which will conclude in December at the end of the ASHP Midyear Clinical Meeting. Candidates will be notified if selected for an interview.



ASHP Midyear & Onsite Interviews

The fellowship program will be conducting **in-person interviews** at the ASHP Midyear Clinical Meeting in Las Vegas. Applicants are strongly encouraged to attend. Candidates attending in-person will not be able to interview without registering for both ASHP and PPS. Please refer to the ASHP & PPS website for registration details.

Top candidates may be invited for interviews at the sponsoring company's location pending COVID – 19 restrictions.

Offer Dates

Recognizing that the choice of a Post-Doctoral Industry Fellowship is an important decision, MCPHS in conjunction with the Academic Industry Fellowship Alliance (AIFA), has agreed to extend offers for Fellowships no earlier than **December 7, 2022**.

Onboarding

Final candidates will be required to go through additional screening / onboarding as required by MCPHS.

