Pfizer/MCPHS University
Biopharmaceutical Industry
2022-2024 Fellowship Program
Welcome to Pfizer

Dear Prospective Pfizer Fellow,

Thank you for your interest in the Pfizer Biopharmaceutical Industry Fellowship Program in partnership with MCPHS University. As you explore our two-year fellowship program in the following pages, you will discover the many unique opportunities that enable fellows to take part in the journey to deliver breakthroughs that change patients’ lives. From clinical trials to market authorization, Pfizer fellows will be specifically engaged in the key functional areas within Global Clinical Supply, such as Clinical Research Pharmacy, Clinical Supply Strategy & Management, Clinical Supply Operations and Innovative Sciences Operations.

Pfizer’s long-standing history of leadership and innovation provides fellows with unparalleled access to cutting-edge clinical research and industry-leading colleagues, all with a common purpose of providing breakthroughs that change patients’ lives. Pfizer fellowship alumni have a proven track record of successfully delivering on this purpose and contributing to impactful projects. In turn, fellows have led fulfilling careers both at Pfizer and within the biopharmaceutical industry.

On behalf of Pfizer and MCPHS University, I again thank you for your interest in the Pfizer Biopharmaceutical Fellowship Program and wish you the very best with your fellowship selection process.

Sincerely,

Michael Ku

Executive Fellowship Director
Michael T. Ku, PharmD, MBA
Vice President and Head of Global Clinical Supply
Pfizer Worldwide Research, Development, and Medical

Dr. Ku is the Vice President and Head of the Global Clinical Supply Organization within Pfizer Worldwide Research, Development, and Medical in Groton, CT. Dr. Ku has over 25 years of biopharmaceutical experience, with 20 years in the area of Clinical Research and Clinical Supplies. He has been involved in the MCPHS Biopharmaceutical Industry Fellowship Program since its inception. In 2020, he led the Pfizer BioNTech COVID-19 vaccine clinical supply chain teams to the successful Emergency Use Authorization for the world’s first COVID-19 vaccine. Dr. Ku is a highly sought-after speaker, involved in a variety of external collaborations and unique partnerships spanning across the biopharmaceutical landscape as well as other industries.

Prior to joining Pfizer, he was at Sanofi Genzyme Corporation in Cambridge, MA. Dr. Ku completed the General Management Program at Harvard Business School and received a Master’s degree in Business Administration from Anna Maria College. Dr. Ku has a PharmD and Bachelor of Science in Pharmacy from MCPHS University and also holds a Bachelor of Science in Toxicology from the University of Toronto.
Welcome Message from Michael Ku

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Global Clinical Supply is a global organization that sets the clinical supply strategy, systems, packaging, labeling, logistics and management of quality investigational products (IP) to patients in compliance with Good Manufacturing Practice (GMP) and Good Clinical Practice (GCP) standards for Pfizer.

To be the premier Global Clinical Supply organization dedicated to providing quality, life-changing investigational products to patients.

Promote an agile learning culture to enable the delivery of quality clinical supplies and information with integrity, compassion, and accountability; design clinical supply strategies to enable positive patient-focused experiences; challenge ourselves to innovate, and continually optimize our physical and digital supply chains; collaborate with internal teams and leverage strong external partnerships to support the development of medicines that win in the marketplace, and manage an ever-changing product paradigm with cost-effective and timely clinical supply solutions.
Fellowship Leadership Team

Fellowship Director: Fae Wooding, PharmD, RPh
Dr. Wooding is Senior Director of Clinical Research Pharmacy and Head of GCS Manila Operations at Pfizer, Inc. based in Andover, MA. Dr. Wooding has been with Pfizer for over nine years and has over 15 years of combined pharmacy experience in academia, hospital, and ambulatory care. Prior to joining Pfizer, she was an Assistant Professor of Pharmacy Practice at MCPHS University. Dr. Wooding has a Bachelor of Science in Human Physiology from Boston University and completed a specialty pharmacy residency in Primary Care at the Providence Veterans Affairs Medical Center after receiving her PharmD from MCPHS University in Worcester, MA.

Fellowship Advisor: Stephen Kay, RPh
Mr. Kay is the Executive Director of Clinical Research Pharmacy within Global Clinical Supply at Pfizer, Inc. based in Andover, MA. Prior to his role at Pfizer, he was the Senior Director of Clinical Pharmacy Research Services at Genzyme Corporation. Mr. Kay has over 20 years of biopharmaceutical industry experience in the area of clinical research specializing in oncology, transplant, lysosomal storage disorders, and cardiovascular medicine. Previously, Mr. Kay was a clinical pharmacy specialist at Tufts Medical Center in Boston and received his pharmacy degree from Northeastern University in Boston, MA.

Fellowship Objectives

- Gain in-depth experience across multiple facets of the drug development process
- Enhance project management, communication, and leadership skills
- Develop, coordinate, and deliver various Disease State Overviews and Clinical Patient Journeys
- Create site/patient focused tools and training for investigational products
- Understand the process of manufacturing, packaging, labeling, and distribution of investigational products
- Collaborate with cross-functional teams to develop and execute clinical supply strategy
- Utilize Interactive Response Technology to optimize clinical trial operations

Fellowship Program Coordinators

Lucie Lajunesse, RPh
Ms. Lajunesse is a Director of Clinical Research Pharmacy in Global Clinical Supply at Pfizer, Inc. based in Groton, CT. She has been with Pfizer for 7 years and has over 30 years of pharmaceutical experience in hospital, Investigational Drug Services, and Remote Order Entry. Prior to joining Pfizer, Ms. Lajunesse was an Investigational Drug Pharmacist at UMASS Memorial Medical Center in Worcester, MA and a clinical pharmacist in remote order entry at Cardinal Health. She is licensed to practice pharmacy in 11 states. Ms. Lajunesse earned her pharmacy degree from MCPHS University in Boston, MA.

Patrick Furcolo, MBA
Mr. Furcolo is a Director in the Clinical Supply Strategy and Management group at Pfizer, Inc. in Groton, CT. In his role, he leads a team of project managers responsible for the design and execution of clinical supply strategies for products across many therapeutic areas and product modalities through all phases of clinical development into commercialization. He has over 18 years of experience in the pharmaceutical industry, covering analytical research and development, clinical supply packaging and labeling, and clinical supply strategy management. He holds a Bachelor’s degree in Chemistry from Stonehill College in Easton, MA and a Master’s Degree in Business Administration from the University of New Haven in Connecticut.

Brian Fulling, PharmD, RPh
Dr. Fulling is a Director of the Interactive Response Technology (IRT) Support Team, part of the Innovative Sciences Operations group. He is responsible for ensuring 24/7 support coverage for the Pfizer IRT system (Impala) which is integral for enrollment and drug assignment activities in over 120 Pfizer studies. Dr. Fulling has held various roles in the industry over the past 14 years ranging from Supply Management, Clinical Research Pharmacy, and Logistics to experience as a Medical Science Liaison. Prior to his industry experience, he worked as an Oncology Pharmacist and Investigational Drug Services Pharmacist at Methodist Hospital in San Antonio, Texas. Dr. Fulling received his Bachelor of Science in Pharmaceutical Sciences and PharmD from the University of Toledo, OH.

Jenny Bulthius, PharmD, RPh
Dr. Bulthuis is a Director in the Clinical Supply Strategy and Management group at Pfizer, Inc. She has been with Pfizer for more than 20 years, as a Supply Chain Project Manager. She has supported all phases of investigational developments to coordinate and drive the clinical supply process by forecasting, managing, and delivering worldwide investigational drug supplies. In 2020, she moved to the Group Lead role, where she is responsible for the end-to-end oversight of clinical supply chain activity. Prior to her industry experience, she worked as a part-time retail pharmacist and a clinical/staff pharmacist. Dr. Bulthuis received her PharmD from the University of Michigan and completed a 1-year pharmacy residency at William Beaumont Hospital.
Pfizer Inc. in conjunction with MCPHS University offers a unique two-year post PharmD fellowship program in Global Clinical Supply (GCS). This fellowship program provides a comprehensive post-doctoral experience that fosters professional growth and develops necessary skills for a successful career in the biopharmaceutical industry. Global Clinical Supply Fellows receive in-depth training in each of the following GCS functional lines and participate in rotational modules throughout other disciplines within the drug development process.

Length of Fellowship Program: 2 years
Location of Program: Groton, Connecticut
Number of Fellowship Positions: 4 Global Clinical Supply Fellows

Fellows will complete Core Competency Rotations in the following areas:
- Clinical Research Pharmacy
- Clinical Supply Strategy and Management
- Clinical Supply Operations
- Innovative Sciences Operations

Fellows will have an opportunity to rotate in other disciplines involving the drug development process.

From left to right: Jonathan Hui, Pranita Chilakamarri, Nathan Lamore
Clinical Research Pharmacy

The Clinical Research Pharmacy (CRP) rotation will provide clinical pharmacy expertise to optimize the preparation and administration of Investigational Products (IP) through the development of supporting documents and training for clinical sites.

- Develop an understanding of disease state, study design and protocol requirements to identify appropriate patient-focused tools.
- Utilize pharmacy expertise in providing consultation to clinical teams and sites for medication-related issues.
- Partner with clinical sites and Global Product Development to optimize clinical trial conduct.
- Develop site and patient centric investigational product preparation and administration instructions and training.

Global Clinical Supply 2nd Year Fellow: Sara Khan, PharmD, RPh
Concentration in Clinical Research Pharmacy

Dr. Khan is originally from St. Louis, MO. She received her PharmD from Regis University in Denver, CO and completed a Post-Graduate Year 1 Pharmacy Practice Residency at Stony Brook University Hospital in New York. She has published in Pain Management and Complementary Therapies in Medicine. Throughout her residency, she focused in clinical practice, quality improvement, and research. Her clinical practice activities focused on providing support to multidisciplinary medicine teams in general medicine, acute pain management, infectious diseases and pediatrics. Sara enjoys being outdoors, traveling and spending time with her family and friends.

Clinical Supply Operations

The Clinical Supply Operations (CSO) rotation will provide the oversight of the critical activities associated with the packaging, labeling, and distribution of investigational products to the clinical sites.

- Apply Good Manufacturing Practices (GMP) to clinical supplies used in global Phase I-IV clinical trials and investigator initiated studies.
- Operate within a labeling team focused on patient clinical labels using global regulatory requirements.
- Utilize inventory management and distribution logistics to facilitate real-time clinical supply allocation.
- Participate in business reviews to evaluate the advantages and disadvantages of various clinical supply models.

Global Clinical Supply 1st Year Fellow: Jonathan Hui, PharmD

Dr. Hui is originally from Raleigh, North Carolina. He received his PharmD from the University of South Carolina College of Pharmacy. During pharmacy school, he was actively involved in the American Pharmacists Association, the Student Society of Health-Systems Pharmacists, and Rho Chi. He gained research experience by completing a summer internship at the University of North Carolina Center for AIDS Research, followed by a summer within the pharmaceutical industry at Achillion Pharmaceuticals (currently Alexion). He also completed a rotation at Nephron Pharmaceuticals Corporation (Manufacturing/503B Outsourcing facility). In his free time, Jonathan enjoys traveling and exploring new areas, cooking, as well as spending time with family, friends, and his nephew puppy, Archie!
Clinical Supply Strategy and Management

The Clinical Supply Strategy and Management (CSSM) rotation will focus on developing an effective strategy for managing investigational products in global clinical trials from first-in-human studies through commercialization by exceeding the expectations of customers, consumers and clinical sites.

- Integrate project management skills within cross-functional teams to meet dynamic clinical trial timelines
- Utilize real-time clinical trial enrollment and inventory data to ensure supply continuity throughout the clinical trial lifecycle
- Influence protocol and product development to ensure clinical supplies are designed with patient focus and quality
- Translate clinical objectives into supply forecast scenarios and manage execution by GCS functional lines

Global Clinical Supply 2nd Year Fellow: Nathan Lamore, PharmD, RPh

Concentration in Clinical Supply & Strategy Management

Dr. Lamore is originally from Bryan, Ohio. He received his PharmD degree from Butler University College of Pharmacy and Health Sciences. During his time at Butler, Nathan was involved in various activities, including Resident Assistant, member of Out of the Dawg House A Cappella, and clinic manager of the Butler University Community Outreach Pharmacy. He has gained experience within the pharmaceutical industry as a remote National Intern for the Industry Pharmacists Organization and as an APPE student completing a rotation with Eli Lilly & Co. in Regulatory Intelligence. During his free time, Nathan can be found planning new experiences with his wife that involve cooking, traveling, or being outdoors.

Innovative Sciences Operations

The Innovative Sciences Operations (ISO) rotation provides experiences in digital clinical supply chain systems such as Interactive Response Technologies that enable Pfizer to conduct clinical trials globally with operational excellence.

- Understand the clinical supply chain system and its relationships to ensure a seamless transition of clinical supplies from production to the user
- Utilize a clinical trial IRT test system to understand the site user experience and considerations that impact IRT design
- Optimize daily business operations across our global footprint, by using internal and external data to make informed decisions
- Engage with global ISO colleagues to learn about regional practices that may affect the conduct of a clinical trial

Global Clinical Supply 1st Year Fellow: Pranita Chilakamarri, PharmD

Dr. Chilakamarri is originally from Northborough, Massachusetts. She received her PharmD from the University of Saint Joseph (USJ) in Hartford, CT. Prior to pharmacy school, she worked as a Clinical Research Coordinator at the Massachusetts Eye and Ear Infirmary, affiliated with Harvard Medical School. While at USJ, Pranita served on the executive board for Rho Chi, Academy of Managed Care Pharmacy, and Student Society of Health System Pharmacy. Along with leadership involvement, she conducted toxicology research on HC-04 cell lines. She gained a strong interest in the industry after completing a rotation in Medical Writing and Medical Af airs at Biogen. In her free time, Pranita enjoys traveling, dancing, spending time with friends and family, and being outdoors during the fall season!
As part of the fellowship program, the MFN fosters a community of pharmacists working within the pharmaceutical industry. The network connects both current fellows and program alumni through professional development, scholarship, and service. All MCPHS fellows meet regularly in Boston when attending conference series and professional development days. Additionally, fellows are invited to participate in a variety of MFN social events and the New England Pharmacy Teaching and Learning Seminar.

The MFN connects fellows from the following pharmaceutical companies:

- Agios
- Alexion
- Becton Dickinson (BD)
- Biogen
- Gelesis
- Novartis
- Pfizer
- Sanofi Genzyme
- Sunovion
- Takeda

Chartered in 2014, the Pfizer Pharmacy Fellowship Network seeks to build a strong alumni network of fellows within Pfizer across different programs, connecting both current and past fellows. The PPFN openly engages with fellows to take greater initiatives within the company in order to contribute to the industry and establish a strong foundation of mentorship.

Pfizer fellows from the following affiliations and locations are involved in the PPFN:

- **Affiliations:**
  - Howard University
  - MCPHS
  - Rutgers
  - UCSD
  - Morgan State

- **Located in:**
  - Groton, CT
  - New York, NY
  - La Jolla, CA
  - Collegeville, PA
  - Madison, NJ
  - Chicago, IL

Inaugurated in 2015, the Pfizer Pharmacists Association’s mission is to leverage the unique perspective and skill sets of pharmacists with the purpose of achieving Pfizer’s overall vision to deliver breakthroughs that change patients’ lives. The PPA provides opportunities for pharmacy professionals to engage in activities focused on optimizing pharmacist learning experiences and capitalizing on the talent pool to bring value in the Pfizer business.
The Pfizer Fellowship program provided me with exposure to the various roles within Global Clinical Supply, lending to exceptional learning opportunities and skills that can be leveraged in my career ahead. Although the Fellowship program provided numerous benefits, I found the establishment of a professional network that fosters an innovative culture to be extremely rewarding. This network provides me with immense support and has been pivotal to my career growth in the pharmaceutical industry.

The unmatched mentorship and various opportunities provided to me during the fellowship program allowed for a seamless transition in my current role. The first rotational year allowed me to learn about Pfizer’s Global Clinical Supply organization and how different departments collaborate and interact with one another. The second year allowed me to learn my current role and build lasting relationships with colleagues within GCS & Vendor Quality Operations.

The Fellowship program provides broad exposure to drug development from molecule to patient use in clinical trials. The opportunity to contribute to developing treatments for incurable diseases has driven me to push boundaries, find novel solutions and utilize my pharmacy background to impact patients of the future.

Jankhna Yadav, MD, PharmD
CSSM Fellow 2018-2020
Principal Scientist, Clinical Research Pharmacy

Harjot Othee, PharmD, RPh
QA Fellow 2018-2020
Manager, Quality Assurance

Emily Zatakia, PharmD, RPh
CSSM Fellow 2016-2018
Senior Manager, Supply Chain Management
MCPHS University provides an academic environment to guide and support the fellows toward a successful career in the biopharmaceutical industry. As a private institution with a history of specialization in health sciences, MCPHS University offers programs that embody scholarship, professional service, and community outreach. Through MCPHS University, the fellow will have the opportunity to gain teaching and research experience in an academic setting. MCPHS University faculty and company program leaders mentor fellows according to their scholarly and professional interests throughout the two-year program.

As an adjunct assistant professor at MCPHS University, the fellow will have the opportunity to:

Develop, coordinate, and teach courses at the Boston, Worcester, or Manchester campus
Co-precept students on advanced experiential rotations
Create and publish scholarly research and/or review articles
Present research at scientific and clinical meetings
Participate in professional development seminars with fellows and residents

Director of Fellowship Program: Amee Mistry, PharmD, RPh
Dr. Amee Mistry is Professor of Pharmacy Practice and has been with MCPHS University since 2006. Dr. Mistry earned her PharmD at the Albany College of Pharmacy and completed a PGY1 Community Practice Residency with Walgreens and MCPHS University. In 2019, Dr. Mistry took over 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 postgraduate program and to assist the fellows in attaining positions within the pharmaceutical industry.

In addition, she is advisor for the student IPhO chapter at MCPHS, co-advisor for APha-ASP, a national trainer for the APha Pharmacy-Based Immunization training program, and is actively involved with the Massachusetts Pharmacists Association.

Faculty Preceptor: Paul Belliveau, PharmD, RPh
Dr. Belliveau earned his Bachelor of Science in Pharmacy from the University of Rhode Island in 1988 and his PharmD from MCPHS University - Boston in 1991. He completed an Antibiotic Management Fellowship at Hartford Hospital in Hartford, CT in 1993. Dr. Belliveau is currently Professor and Interim Dean at MCPHS University School of Pharmacy - Worcester/Manchester. Dr. Belliveau's areas of interest include infectious diseases, pharmacokinetics, academic leadership, and pharmacy education.

Faculty Preceptor: Jennifer Towle, PharmD, RPh
Dr. Towle earned her Bachelor's degree in Cellular, Molecular, and Developmental Biology from the University of New Hampshire in 2007 and her PharmD from MCPHS University - Worcester/Manchester in 2012. She completed her post-graduate year one (PGY-1) at Elliot Health-System in Manchester, NH in 2013. Dr. Towle is an Associate Professor of Pharmacy Practice at MCPHS University School of Pharmacy - Worcester/Manchester. Her areas of interest include education, pediatrics, transitions of care, and medication safety.

Faculty Preceptor: Jason Cross, PharmD, BCPS, BCACP, RPh
Dr. Cross earned his PharmD from the University of Rhode Island in 2001 and completed an ASHP PGY1 Pharmacy Residency in 2002 at UMass Memorial Medical Center. Dr. Cross is currently an Associate Professor of Pharmacy Practice at MCPHS University - Worcester/Manchester and the Residency Program Director of the PGY1 Community Pharmacy Residency at Baystate Medical Center. Dr. Cross's areas of interest include pharmacy education, acute and chronic heart failure, impact of pharmacy students on clinical services, and expansion of pharmacy services in ambulatory care.
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, etc.).

Eligibility

Application

Interviews

Benefits

How to Apply

The MCPHS application portal will open up on Monday, October 11, 2021. Applicants must upload the following application materials to the online portal (https://mcphs.smapply.io) no later than Friday, November 19, 2021: letter of intent, curriculum vitae, unofficial college transcript, contact information of three references. All application materials will be reviewed on a rolling basis.

Three recommendation evaluation forms must be submitted no later than Wednesday, December 1, 2021 via the online portal. This is not a letter of recommendation but an online form that the reference will need to complete.

Interviews:
The fellowship program will conduct interviews on a rolling basis starting mid-October with pre-screens and will conclude interviews in December.

Onsite Interviews:
Top candidates may be invited for interviews at the sponsoring company’s location pending COVID -19 restrictions. Final candidates will be required to go through additional screening /onboarding as required by MCPHS University.

The fellowship provides a competitive stipend and benefits package, including vacation and comprehensive health insurance. In addition, the fellowship offers an allowance for professional development which includes travel to conferences in pharmacy and other specialty areas. The fellow may qualify for student loan deferment, allowing for the postponement of loan payments until the completion of the fellowship program. The lender of the student loans will be able to provide specific information regarding eligibility and terms of deferment.