



Post-Doctoral Pharmaceutical Industry Fellowship

Medical Affairs | 2025-2026

www.mannkindcorp.com

mannkind

USC Mann

Alfred E. Mann School of Pharmacy
and Pharmaceutical Sciences

our mission

to give people control of their health and the freedom to live life

who we are

At MannKind, we are driven to find new ways to change lives for the better. Our team of passionate scientists, researchers, and professionals focuses on innovative approaches to diabetes and orphan lung diseases. We develop and commercialize new ways to help more people truly thrive—and to live **life more humannSM**.

West Coast Office

Westlake Village, CA



Manufacturing and R&D Facility

Danbury, CT



Boston Site

Bedford, MA



Our Medical Affairs department is located in Westlake Village, CA, and our state-of-the-art Manufacturing Facility is in CT. Our field-based Medical Education and Commercial teams communicate with healthcare practitioners nationwide.

our humann values

the MannKind humann values are our guides as we work every day to fulfill our promise to our stakeholders

To give people control of their health and the freedom to live life.

do right

We keep it real with each other and those we serve, treating others how we'd like to be treated—with integrity and humanity—even when no one is looking. And we always do the right thing. In our eyes, there's no alternative.

win together

We're strongest as a team—united, we can do extraordinary things. We proactively break down barriers and build strong relationships across functions and geographies—rolling up our sleeves and sharing ideas, perspectives, and feedback to help each other succeed.

own it

We see every challenge as an opportunity, and approach each one prepared, engaged, and accountable. Our commitment to continuous improvement drives our performance and delivers a lasting impact on every life we touch.

be tenacious

Fueled by passion and a high sense of urgency, we don't wait for tomorrow if we can do it today. We set aggressive goals and strive to surpass them—overcoming obstacles and delivering insistently on our priorities every day.

push boundaries

We look for creative solutions to the most pressing problems. We think beyond what is possible—seeking open feedback and new ideas, encouraging expansive thinking, and challenging conventional wisdom at every turn.

technology for truly thriving

For too long, many fast-acting medications have required injections—and all the pain and all the challenges that may come with them. MannKind's Technosphere® Technology is an innovative, dry-powder formulation technology that allows medication to be delivered through the lungs instead.

Technosphere® Technology can be applied to a number of important therapeutic areas, including diabetes, respiratory diseases, and other conditions requiring acute drug delivery.



Please see Full Prescribing Information including BOXED WARNING for Afrezza and Instructions for Patient Use for V-GO. © MannKind Corporation 2024.

pipeline and collaboration

Our research and development pipeline is full of potential pathways to a world where people can truly thrive.

Explore our pipeline and collaborations
www.mannkindcorp.com/pipeline

publications

Explore our publications library. See how our technologies and therapies can help more people take control of their health.

Learn more at
www.mannkindcorp.com/publications

meet our team

learn, grow, and collaborate



Michael Castagna, PharmD, MBA

Chief Executive Officer

30930 Russell Ranch Rd. #300, Westlake Village, CA 91362

Alma Mater: Massachusetts College of Pharmacy and Health Sciences



Kevin Kaiserman, MD

Senior Vice President, Therapeutic Area Head, Endocrine

30930 Russell Ranch Rd. #300, Westlake Village, CA 91362

Alma Mater: Eastern Virginia Medical School

meet our team

learn, grow, and collaborate



Lorena Griparic, Ph.D.

Director, Medical Affairs & Safety

Director, USC-MannKind Post-Doctoral Fellowship Program

30930 Russell Ranch Rd. #300, Westlake Village, CA 91362

Alma Mater: Florida State University

Post-Doctoral Fellowship: University of Geneva; UCLA

why MannKind?

MannKind has cutting-edge patented technology in diabetes and orphan lung diseases. Fellows will engage in a plethora of project teams and be an active contributor immediately to MannKind and the patients we serve. After fellowship completion, they are fully prepared and trained for full-time careers in the pharmaceutical industry.

meet our fellows

learn, grow, and collaborate



Sharyse Watanabe, PharmD

2024-2025 Post-Doctoral USC-MannKind Fellow

Alma Mater: University of California, San Francisco School of Pharmacy

swatanabe@mannkindcorp.com

why MannKind?

I chose the MannKind Medical Affairs fellowship for its innovation, positive work culture and cross-functional opportunities. I appreciate MannKind's dedication to combining technology and pharmacy to provide patients with life changing therapies in both diabetes and orphan lung diseases. Hearing about the company from one-on-one conversations with fellows and team members, I saw how strong team connections create a supportive learning environment for fellows. I enjoy working at a smaller company like MannKind that will provide the opportunity to experience cross-functional collaboration between teams like Medical Affairs, Safety, Clinical Operations, and Medical Education to develop a foundational skill set for the rest of my career.



Chioma Friday, PharmD

2024-2025 Post-Doctoral USC-MannKind Fellow

Alma Mater: USC Mann School of Pharmacy and Pharmaceutical Sciences

cfriday@mannkindcorp.com

why MannKind?

The Medical Affairs Fellowship at Mannkind offers an incredible blend of hands-on experience, mentorship, and professional development. Being part of a collaborative team, I have the opportunity to work on impactful projects that directly contribute to company needs, while also gaining exposure to the latest advancements in the pharmaceutical industry. At Mannkind, they really push you to experience as much as you can and even encourage you to collaborate with other functional areas. This fellowship has not only deepened my expertise but has also allowed me to build meaningful relationships with talented professionals. I am grateful for the opportunity to be part of such a supportive and inspiring program.

why join our fellowship?

learn about our program within the Medical Affairs department

a unique experience.

At MannKind, fellows will gain exposure and practice experience in the Medical Affairs functional sub-specialty in the biopharmaceuticals industry. Fellows will develop, participate, and be an integral team member on business priorities, such as:

- Field-based Medical Communications (e.g., content creation for the Medical Education team)
- Medical Information Contact Center and vendor management
- Medical Congress planning and attendance
- Publication planning
- Phase 1-4 Studies (e.g., design, development, implementation)
- Exposure and collaboration with various internal departments: Clinical Development, Regulatory Affairs, Pharmacovigilance, Marketing, Sales, Business Development, etc.

In addition, fellows will have many opportunities on project teams to develop and refine leadership, communication, decision-making, interpersonal, and influence skills.

continued growth.

At USC Mann School, fellows will have scholastic and academic opportunities, including:

- Taking professional coursework and completing certificate programs
- Lecturing industry elective courses
- Teaching and mentoring senior rotational pharmacy students at host company
- Recruitment and selection of the next class of USC post-doctoral fellows



our partner

The USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences is the only private pharmacy school on a major health sciences campus, which includes the Keck School of Medicine, Keck Hospital of USC and the USC Norris Comprehensive Cancer Center and is immediately adjacent to the LA General Medical Center, one of the largest public hospitals in the country.

Ranked by *US News and World Report* as the #1 private pharmacy school in the country, the USC Mann School is recognized for its century-old reputation for innovation in pharmaceutical education, clinical practice and research. The school uniquely spans the entire spectrum of pharmaceutical development and clinical care—from drug discovery to regulatory approaches that promote safety and innovation, from delivery of patient care services, to evaluating the impact of care on patient outcomes and costs. The school holds an essential leadership role in the safe, efficient, and optimal use of medication therapy that can save lives and improve the human condition.

our directors



William C. Gong, PharmD, FASHP, FCSHP

Associate Professor of Clinical Pharmacy
Executive Director, Fellowship Programs



Michael Lim, PharmD, MBA

Senior Director, Fellowship Programs

our fellowship alumni

2023 - 2024 alumni



Yubin Moon, PharmD



Richard Lo, PharmD, MS

2022 - 2023 alumni



Kaydee Soo, PharmD



Avet Manukyan, PharmD

2021 - 2022 alumni



Trevor Lee, PharmD



Krystal McCarty, PharmD, MS

2020 and previous alumni

Savannah Ng, PharmD

Marina David, PharmD

Jonathan Manokian, PharmD



program requirements

To be considered for the USC-MannKind Pharmaceutical Industry Fellowship program, you must have obtained:

A Pharm.D., Ph.D., M.D. or equivalent doctorate degree from an accredited college or university within 5 years of initial appointment, and a minimum doctoral GPA of 3.0. Candidates must be a US citizen or permanent resident.

To apply, you will need the following items:

- CV/Resume
- Letter of Intent
- 3 professional letters of recommendation
- Official pharmacy or graduate school transcripts

Prospective fellowship candidates will be invited to interview with the MannKind Team at PPS during the 2024 ASHP Midyear Meeting.

Additional information, as well as application requirements and instructions are available on the **USC Mann School Fellowship Website**.

Program Location: Westlake Village, CA

Program Length: 1 Year (July 1, 2025–June 30, 2026)

Application Deadline: December 13, 2024





Aligned First Offer Date December 16, 2024

The choice of a Post-Doctoral Industry Fellowship is an important decision. AIFA exists to promote a consensus first offer date for all Fellowship positions. We believe this is a positive reflection of the cultures our Programs offer and that culture is a critical consideration in choice of Fellowship.

We hope that other academic and non-academic Fellowship Programs will NOT pressure candidates to accept offers prior to this aligned offer date.