



Spark[®] Therapeutics Medical Affairs Fellowship Program

2025–2027



We don't follow footsteps.
We create the path.SM

OUR MISSION

To unlock the power of gene therapy to accelerate healthcare transformation.

OUR VISION

A world where no life is limited by disease.

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At Spark® Therapeutics, we are on a mission to unlock the power of gene therapy to accelerate healthcare transformation. Our unwavering focus is on the research, development, and delivery of gene therapies to realize a world where no life is limited by disease. “We don’t follow footsteps, we create the path,” perfectly captures the pioneering and innovative spirit that drives us forward to be able to deliver the transformational potential of gene therapy to individuals grappling with genetic diseases around the world.”

SYLKE POEHLING, PHD
Chief Executive Officer

Living Our Values

CHAMPION
THE PATIENT.

BREAK THE
BARRIERS.

OWN YOUR
EXCELLENCE.

COMMIT TO
COLLABORATE.

DEMONSTRATE THE
RESPECT YOU SEEK.



We are Spark®

At Spark Therapeutics, we’re working to unlock the power of gene therapy to accelerate healthcare transformation.

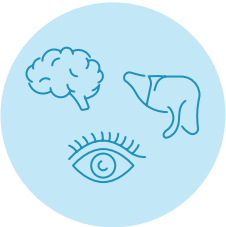
Founded in March 2013 as a result of the technology and know-how accumulated over two decades at Children’s Hospital of Philadelphia (CHOP), our investigational therapies have the potential to provide long-lasting effects, dramatically and positively changing the lives of patients with conditions where no, or only palliative, therapies exist. Greater understanding of the human genome and genetic abnormalities have allowed our scientists to tailor investigational therapies to patients suffering from genetic diseases.

Headquartered in dynamic Philadelphia, we are a diverse, experienced team united in our vision to create a world where no life is limited by disease.

In 2019, Spark became a member of Roche — one of the world’s largest biotech companies. With its worldwide reach and extensive resources, Roche is helping Spark accelerate the development of more gene therapies.

OUR SCIENTIFIC PLATFORM
AND PROGRAMS

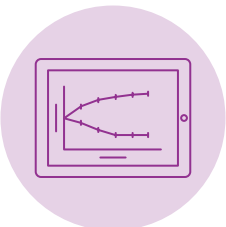
Spark Therapeutics has built a leading integrated gene therapy platform as we strive to turn genes into medicines for patients with genetic diseases, including ocular, liver-directed, and neurodegenerative conditions.



Cutting-edge
vector design



State-of-the-art,
in-house expertise in
vector manufacturing



Innovative scientific and
regulatory strategies



Strong commitment to
improve patient care



Cultivating a Great Workplace

At Spark® Therapeutics, diversity, equity, and inclusion are at the core of who we are.

We are committed to advancing, cultivating, and preserving a culture where everyone can thrive and have a true sense of belonging. This is critical to our workforce, the communities we partner with, and those who are living with genetic conditions.

Our belief is that collaboration among team members with different identities, backgrounds, and perspectives fosters innovation and barrier-breaking scientific exploration.

For us, diversity, equity, and inclusion is not only a strategic priority, it's also in our DNA.

MEDICAL AFFAIRS

At Spark Therapeutics, our Medical Affairs department seeks to actively engage with physicians, researchers, and other healthcare professionals around the world to provide education about the field of gene therapy and respond to inquiries about our approved and investigational gene therapies and related genetic diseases. As a team of healthcare professionals, we are continually inspired by the patients we serve. Through collaboration and passion for what we do every day, we strive to address and bring focus to unmet needs in rare genetic diseases. Our Medical Affairs team looks forward to welcoming you as you embark on your journey of professional growth!

INDUSTRY RECOGNITIONS



MEDICAL AFFAIRS LEADERSHIP



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Throughout my 20+ years in the pharmaceutical industry, and after 6 years as an executive sponsor to over 60 fellows, in my experience, completion of a post-doctoral fellowship accelerates career growth and professional development. At Spark Therapeutics, the Medical Affairs Fellowship Program is an invaluable post-doctoral opportunity which provides direct mentorship and broad exposure to facilitate an in-depth professional experience. At the conclusion of this program, the experiences gained at our innovative company will support a successful transition into your professional career.”

THOMAS WELLS, PHARM.D, MBA
Vice President, Global Medical Affairs and Patient Engagement



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As a former fellow, I know how a fellowship program can shape your future career in the pharmaceutical industry. Our Spark Therapeutics Pharm.D. Fellowship Program has been thoughtfully designed to allow you to grow professionally and gain valuable experience in areas that match your individual interests, while contributing to the company's overall goals. I strongly encourage you to take the next steps by pursuing a fellowship as an investment in your future career and professional success.”

OLGA ESTERZON, PHARM.D
Senior Director, Global Medical Information and Communications
Fellowship Director



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Here at Spark Therapeutics, we are committed to laying a strong foundation for the future career paths of our fellows. We strive to create meaningful learning opportunities to allow our fellows to develop into leaders in the industry. As a manager and preceptor of the Spark Therapeutics Fellowship Program, I am focused on supporting the fellows throughout their journey by providing them with the tools to develop the skills they need to succeed.”

DENISE PAUZANO, PHARM.D
Director, Medical Information
Fellowship Manager

CURRENT FELLOWS



In this unique fellowship program, it is extremely rewarding to have the opportunity to build my expertise in every aspect of Medical Affairs, and to explore other functional areas within the industry especially in such a transformative area of science – gene therapy. The team and preceptors at Spark® Therapeutics are committed to driving my professional development and career growth by providing the support and resources that will enable me to transition into a successful career in the pharmaceutical industry.”

MARGARET ZHANG, PHARMD
Spark Fellow 2023-2025



The Spark Therapeutics Fellowship Program offers an incredible opportunity to explore Medical Affairs while gaining experience in other functional areas within the pharmaceutical industry, particularly in gene therapies. The members of the team create a welcoming, dynamic, and collaborative environment to support and encourage my professional development. The knowledge and leadership skills acquired within these two years will lay the foundation for a successful career within the industry.”

CAITLYN DILL, PHARMD
Spark Fellow 2024-2026

FELLOWSHIP ALUMNI



JOY ONUMA,
PHARMD
Spark Fellow
2018-2019



RAJVI SHAH,
PHARMD
Spark Fellow
2019-2020



VESLYNE VINCENT,
PHARMD
Spark Fellow
2020-2022



REBECCA JAMES,
PHARMD, MPH
Spark Fellow
2021-2023



MELANIE ZHANG,
PHARMD
Spark Fellow
2022-2024

Medical Affairs Fellowship

PROGRAM OVERVIEW

DESCRIPTION

This unique 2-year Medical Affairs fellowship program in a biotechnology company provides the fellow an opportunity to gain hands-on experience contributing to the various functional roles within Medical Affairs. By serving as an integral member of the Medical Affairs team, the fellow will gain a deep understanding of the science behind gene therapy as it applies to Spark Therapeutics’ areas of focus, as well as the interplay between different functions within a biotechnology company.

The program includes three mandatory rotations and one elective rotation. Each of the four rotations is six months in duration. The elective rotation may be aligned to the fellow’s interest and/or company need, and is also contingent upon preceptor availability at the time of elective rotation selection. Potential opportunities to assist other internal stakeholders with projects will be determined on a case-to-case basis, but are highly encouraged.

Spark Therapeutics will be recruiting 1 fellow for this position.

CORE ROTATIONS:

- Medical Information
- Medical Communications
- Medical Science Liaison (MSL)

ELECTIVE ROTATIONS:

- Extension of Medical Affairs functional roles
- Regulatory Strategy
- Clinical Development
- Pharmacovigilance
- Marketing

ROTATIONS AND PRECEPTORS



DENISE PAUZANO, PHARMD
Director, Medical Information
Preceptor

MEDICAL INFORMATION:

- Understand the role and responsibilities of a Medical Information Specialist in the biotechnology industry
- Create and provide timely, accurate, and balanced medical/scientific and technical information in response to inquiries from healthcare professionals, consumers, and managed care organizations with materials such as standard and custom response documents, scientific slide decks, and clinical dossiers
- Provide high quality review of promotional, commercial, medical, and scientific materials to ensure accuracy and balance of medical and scientific content
- Attend medical and scientific meetings and congresses to provide support for Medical Information and/or medical education booths
- Attend internal Medical Affairs meetings and collaborate with other key stakeholders outside of Medical Information



**MELANNIE SORIANO,
PHARM D**
Director, Medical
Communications
Preceptor



**KRISTEN JAWORSKI,
MSN, FNP**
Senior Director, Medical
Science Liaison
Preceptor

MEDICAL COMMUNICATIONS:

- Understand the role and skills required of a Medical Communications Professional as part of a specialized Medical Affairs function in the biotechnology industry
- Collaborate with Medical Affairs team members and cross-functional partners to develop a plan that supports strategic communication of scientific data
- Gain exposure to core principles of Good Publications Practices (GPP3) for industry-based publications and work through the development of a publication, starting with concept development to submission to a publications platform (scientific journal or congress)
- Observe development of team-based comprehensive congress plan which incorporates strategic objectives and derivative tactics
- Learn the principles of project management and prioritization in the context of medical communication

MEDICAL SCIENCE LIAISON:

- Learn and apply the core functions of the MSL role by learning all therapeutic areas in company relevant disease states, learning strategies of key opinion leader (KOL) relationship management, delivering scientific education presentations, attending and participating in MSL field visits, and collecting clinical insights
- Play a critical role in field medical operations by utilizing field medical customer management tools and assisting in the development of insight reports and territory plans
- Participate in the congress planning process including the identification of relevant content, coverage of sessions, and development of post-congress summary report
- Collaborate with Medical Directors, Medical Communications, and vendors in the creation and revision of field medical resources



Application Process

Thank you for your interest in the Spark® Therapeutics Medical Affairs Fellowship Program.

Spark Therapeutics will conduct interviews independent of the American Society of Health System Pharmacists (ASHP) Midyear Meeting. Interested applicants should submit their application starting September 3, 2024 by visiting our website at: <https://careers.sparktx.com/> (Keyword: Fellowship)

REQUIREMENTS

- Candidates must have:
 - A Doctor of Pharmacy degree from an Accreditation Council for Pharmacy Education (ACPE) accredited school or college prior to their start date
 - Ability to legally work in the United States for the duration of the program
- Curriculum vitae and letters of intent (LOIs) should be submitted electronically on the careers website job posting
- LOIs can be addressed to:
Spark Therapeutics’ Fellowship Team
Spark Therapeutics
3737 Market Street
Philadelphia, PA 19104
- Candidates are considered on a rolling basis and submission of materials prior to dates is strongly encouraged
- Candidates selected for final round interviews will need to provide an unofficial pharmacy school transcript and two formal letters of recommendation sent to:
MedicalAffairsFellowship@SparkTX.com

TIMELINE

- Please see the overall timeline for this process on the Interview Timeline table below
- The selected candidate will begin the fellowship program July 2025

PREFERRED SKILLS

- Strong presentation and communication skills
- Scientific writing and literature evaluation skills

CONTACT INFORMATION

- Email: MedicalAffairsFellowship@SparkTX.com

Spark Therapeutics does not discriminate on the basis of race, color, gender, identity, sexual orientation, age, religion, national or ethnic origin, disability, protected veteran status or any other basis protected by applicable law.

INTERVIEW TIMELINE

<input type="checkbox"/> Virtual first round interviews	October 7 to 25
<input type="checkbox"/> Notification of invitation to final round interviews	October 25
<input type="checkbox"/> In-person final round interviews	November 6 to 12
<input type="checkbox"/> Final selection of fellowship candidate	November 13

REQUIRED ITEMS

SUBMIT BY

All candidates must submit:

<input type="checkbox"/> Curriculum Vitae (CV)	October 4
<input type="checkbox"/> Letter of Intent (LOI)	October 4

Candidates selected for final round interviews must submit:

<input type="checkbox"/> Unofficial Pharmacy School Transcript	November 4
<input type="checkbox"/> Two Formal Letters of Recommendation	November 4




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