Ironwood®

PharmD Industry Fellowships

In partnership with IPhO Industry Pharmacists Organization

Dear Prospective Fellow

At Ironwood Pharmaceuticals, we are committed to advancing the treatment of GI diseases and redefining the standard of care for millions of GI patients. Ironwood is more than just a company—it's a group of people, each with unique perspectives and talents, who come together to create medicines designated to improve the lives of GI patients.

Joining Ironwood means becoming part of a diverse, inclusive, and collaborative team of individuals who like to challenge each other to think differently and push boundaries. At the same time, we treat each other respectfully because everyone's opinions matter, and we believe that each person's unique attributes and viewpoints facilitate the development of innovative ideas that can help us discover and deliver breakthrough therapies for patients and build the next great pharmaceutical company.

If you are interested in working in a hands-on environment, taking on innovative discovery opportunities and advancing them into drugs designed to alleviate patients' symptoms, improve their quality of life, and potentially cure disease, look no further than our PharmD Fellowship Program.

Our Fellowships are designed to foster a unique learning environment to offer growth with a strong research foundation. Participation will enhance your knowledge of disease biology and drug delivery including the different phases of drug development, and provide an opportunity to make significant contributions to the millions of patients with GI diseases. With additional opportunities to learn from mentors with decades of GI expertise, you will gain valuable experience across a range of areas across our diverse organization, including medical, safety and regulatory affairs.

On behalf of everyone at Ironwood Pharmaceuticals, thank you for your interest in our PharmD Fellowship Program. We welcome your consideration of Ironwood and invite you to submit an application to invest in your future here.

All the best,

Mike Shetzline, MD, PhD

SVP, Chief Medical Officer and Head of Research and Development

Our PharmD Fellowship Programs

Ironwood's fellowship programs are designed to offer Doctor of Pharmacy (PharmD) graduates in-depth experience within a biopharmaceutical setting. We are offering two unique experiences: A Medical Scientific Affairs and Clinical Development (MSA/ClinDev) fellowship and a Global Patient Safety and Regulatory Affairs (GPS/RA) fellowship. As part of the drug development and commercialization process, Ironwood fellows gain the confidence and knowledge needed to excel in a dynamic, cross-functional team environment. Our fellowships are designed to foster individual learning and growth, both professionally and personally, and offer the opportunity to be involved in high-visibility, high-impact projects. By the end of the two-year fellowship, the Ironwood fellows can develop highly marketable skills and experience to pursue a successful career within the pharmaceutical industry. The fellows will be interacting with preceptors in their respective functional areas. Both fellowships will be based out of Ironwood's headquarters in Boston.

"The Ironwood GPS/RA Fellowship provides the opportunity to develop a core foundation in pharmacovigilance best practices and regulatory science by providing the fellows with hands-on, real-world pharmaceutical experience. The fellows are important contributors to our team who will apply their learnings to their assigned projects. We will equip the fellows with the tools necessary to guide the next steps in their career paths. "

Diane Stroehmann, MS, RAC

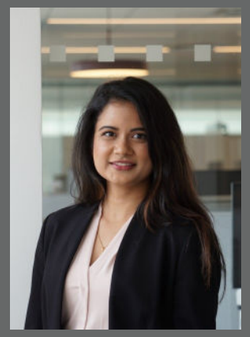
Head of Regulatory Affairs & Global Patient Safety

Medical Scientific Affairs / Clinical Development

2-Year Fellowship, Recruiting 1 Position

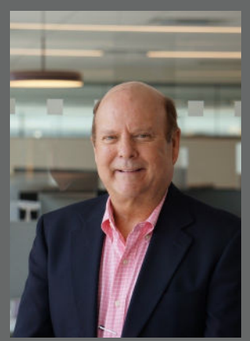
About the Fellowship:

The purpose of the Medical Scientific Affairs / Clinical Development (MSA/Clin Dev) Fellowship is to allow the fellow to learn how to perform as an individual contributor within an evolving MSA and Clin Dev group. The collaboration between these two groups is essential to both the development of a commercialized therapeutic product and management of that product throughout its lifecycle. The fellow will contribute to the design and implementation of complex strategic medical affairs plans for Ironwood GI products and will acquire in-depth GI disease state knowledge. The fellow will work cross-functionally with mentors to participate in various activities that will ultimately drive scientific thought and engagement activities for Ironwood.



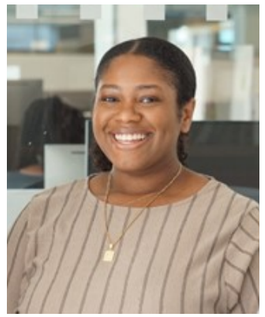
"The MSA/Clin Dev fellowship at Ironwood provides you with a unique experience to join a fast paced, ever evolving, collaborative team. This unique fellowship enables fellows the opportunity to explore and experience key functional groups throughout the drug development process. With diverse hands-on experiences and mentorship opportunities, fellows can personalize their experiences to develop the necessary foundation and skills to thrive in industry."

Niha Yerneni, PharmD
Medical Affairs Manager
Medical Scientific Affairs



"To truly learn the drug development process, Ironwood's philosophy is to immerse the fellow in all aspects of this process. The fellow is a member of the development team and learns through hands on experience of from how to develop a protocol to what it takes to operationalize and conduct a study to meet Good Clinical Practice and Regulatory guidelines. Through this teamwork the fellows will gain an understanding how decisions are made in the development of new drug therapies. This knowledge is absolutely essential for a career in the pharmaceutical industry."

George Dukes, PharmD
Sr. Scientific Director, Clinical Research
Clinical Development



"Having the opportunity to start my career in the pharmaceutical industry through the Ironwood fellowship program is truly the opportunity of a lifetime. The dual MSA/Clin dev role gives me the scope to immerse myself into learning and understanding two distinct functional areas that are very closely linked in drug development. I was drawn to Ironwood's strong focus on fostering growth, commitment to helping patients, and overall company culture. With numerous opportunities for mentorship and collaborative teamwork, I have no doubt that this is the perfect learning environment for me to develop the skills I am seeking to gain for a successful career."

Kayla Reid, PharmD
First Year Clinical Development Fellow

"Joining Ironwood was one of the best decisions I've ever made as a young professional. I was drawn to Ironwood because of their commitment to addressing unmet patient needs, their dedication to the professional development of their fellows, and the company culture. Ironwood provides an environment that is conducive to learning through excellent mentorship, and I instantly felt welcomed from the moment I interviewed. As I enter my second year of fellowship, this feeling hasn't wavered. The MSA/Clin Dev fellowship provides a unique opportunity to gain experience in two functional areas that are clinically intertwined- an opportunity that only a handful of fellowships have to offer."

Laura Nduka, PharmD
Second Year MSA Fellow

Fellowship Program Timeline & Experiences

First Year

The fellow will work within the Clin Dev team to gain experience in clinical research and study design, development, and execution. They will also have the opportunity to spend 3 months in a different functional area based on areas of interest and need.

Second Year

The fellow will be integrated within the MSA team to gain experience in medical strategy, Medical Legal Regulatory review process, publication strategy, content development, advisory board and congress strategy and insight generation.

Rotational Opportunity (3 Months)

Between the first and second year of the fellowship, the fellow has the opportunity to rotate in an area of interest: Commercial, Regulatory Affairs, Health Economics Outcomes Research (HEOR) and more.

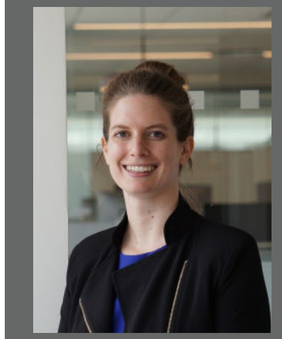
Global Patient Safety / Regulatory Affairs

2-Year Fellowship, Recruiting 1 Position

About the Fellowship:

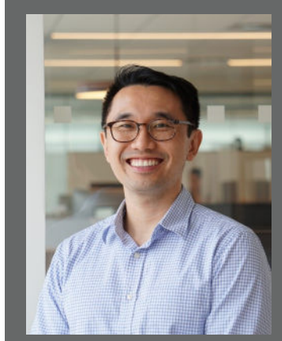
The purpose of the Global Patient Safety / Regulatory Affairs (GPS/RA) Fellowship is to provide the fellow with training in both functional areas to prepare them to enter an industry role as an individual contributor in safety or regulatory after the end of their 2-year fellowship. The interdisciplinary collaboration between these two groups is essential to both the development of a therapeutic product and management of that product throughout its lifecycle. By gaining experience in both functional areas, the fellow will be able to pursue a career in either functional area and have a practical understanding of the other function's responsibilities to enable them to be an optimal collaborator and colleague.

Fellowship Directors:



"Ironwood knows the value an industry fellowship can provide and has hired multiple fellows from other programs, including myself. We are excited to grow our own fellowship programs, allowing more PharmD graduates to jumpstart their career in the pharmaceutical industry. In the GPS/RA fellowship, our fellow will have the opportunity to interact closely with other departments within Ironwood and gain valuable experience in both safety and regulatory to prepare them for a career in industry in either field."

Theresa Foster, PharmD
Director of Pharmacovigilance
Global Patient Safety



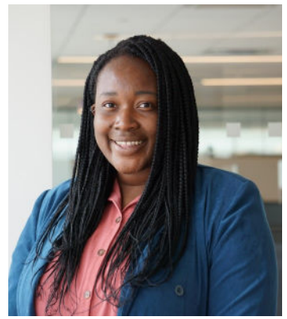
"Fellows at Ironwood will have the opportunity to get real hands on experience working with the cross-functional team on assets in development or in lifecycle management. As a company, Ironwood is a wonderful place for you to learn, develop, and hone your skills in a challenging, yet rewarding environment where opinions are valued and the potential for career growth is high. "

Martin Kwok, PharmD, RAC
Director, Regulatory Affairs
Regulatory Affairs

"I am so grateful to have the opportunity to start my career in pharmaceutical industry at Ironwood. I was instantly drawn to the progressive culture of the company, their mission and values, and their commitment toward improving the lives of patients with GI disorders. Ironwood's GPS/RA fellowship is unique as it provides fellows with experience within two functional areas. I am confident this fellowship will diversify my candidacy for future employment opportunities and provide me with invaluable knowledge, experience, networking, and collaboration opportunities."

Julia Busiere, PharmD
First Year Global Patient Safety Fellow

"The GPS/RA fellowship at Ironwood equips you with the tools necessary to kickstart your career in the biopharmaceutical industry. The unique nature of this two-part fellowship provides fellows with the opportunity to be well versed in both pharmacovigilance and regulatory and work collaboratively amongst the differing functional groups. I am excited to start my career with Ironwood because the people here seek to cultivate an environment tailored to your growth."



Georgia Quartey, PharmD
Second Year Regulatory Affairs Fellow

Fellowship Program Timeline & Experiences

First Year

The fellow will work within GPS to gain experience in case processing operations, safety database management, signal detection, signal management, aggregate reports, safety governance, and advanced pharmacovigilance analytics.

Second Year

The fellow will work within regulatory affairs to gain experience in global/regional labeling, maintenance of IND and/or NDA applications, regulatory strategy, regulatory intelligence, Agency meeting management and correspondences, and regulatory operations.

About Ironwood

At Ironwood Pharmaceuticals, we are on a mission to advance the treatment of GI diseases and redefine the standard of care for GI patients, and we have the experience, expertise and capabilities to get us there.

As we explore new frontiers in research and development and advance our commercial strategies aimed at reducing the significant burdens associated with GI diseases, we keep patient needs at the center of everything we do.

We are successful pioneers in the development of LINZESS® (linaclotide), the U.S. branded prescription market leader for adults with irritable bowel syndrome with constipation (IBS-C) or chronic idiopathic constipation (CIC), and remain committed to our iconic brand for the patients we serve. Under the guidance of our seasoned GI industry leaders, we continue to build upon our history of innovation and challenge what has been done before to shape what the future holds. We have always taken the long view: we hope to grow and one step at a time, build a pharmaceutical company that helps people lead better lives. So we named ourselves after the Ironwood tree, which can live for thousands of years in the harshest desert, creating a shaded microclimate in which life thrives. Iron, like science, is undeniable and strong. Wood, like artistry and humanity, is flexible, resilient and versatile. The two words together represent our passion for making a positive impact on the health– and lives– of GI patients, their families and communities.

For more information, please visit www.ironwoodpharma.com or click the links below.

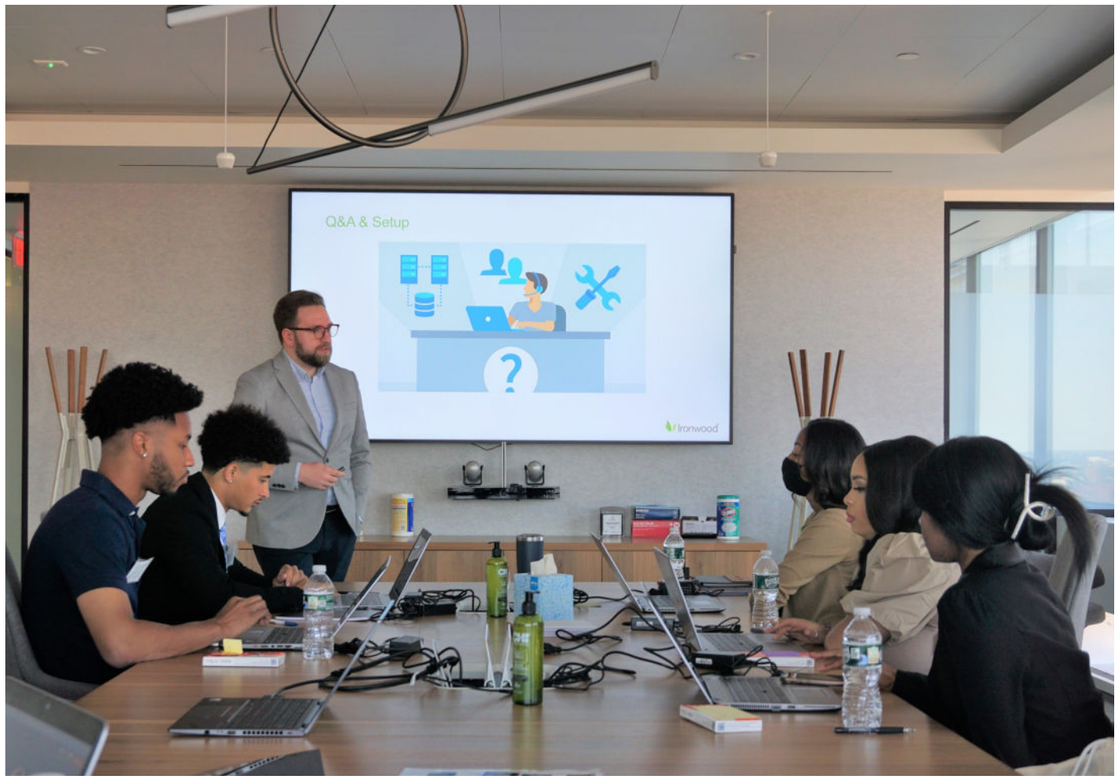
Our Values **Our Products** **Our Pipeline**

Industry Pharmacists Organization Fellowships

In partnership with the Industry Pharmacist Organization (IPhO), fellows will have access to additional opportunities including:

- Organizational leadership opportunities as a member of the IPhO National Fellows Council.
- Involvement in IPhO Professional Development Projects.
- Teaching experience as an instructor though IPhO Institute for Pharmaceutical Industry Learning webinars.
- Committee Leadership within the National Fellows Council sub-committees including scholarly publications, professional programming, student development, marketing communications, and social media.
- Publication opportunities including posters, papers, and articles.
- Mentorship from IPhO leadership.

In partnership with IPhO Industry Pharmacists Organization



Alumni

Name	School	Current Position
Niha Yerneni	MCPHS University	Medical Affairs Manager

Application Information

Eligibility:

- Candidates must have a Doctor of Pharmacy (PharmD) degree from an accredited college or university before the start of the fellowship term.
- Candidates must be authorized in the U.S. on a permanent basis without requiring sponsorship .

Application Process:

- IPhO's Fellow Match is the initial application portal and the following are required:
    - Curriculum Vitae (CV)
    - Letter of intent
    - Contact information for 3 references
- Applications will be accepted starting October 3rd and will close October 23rd 2022
- Interviews will be conducted on a rolling basis– early application is encouraged

Letters from provided references may be requested.

Fellowship Contact Information:

Email: fellowships@ironwoodpharma.com

Address: 100 Summer Street, Suite 2300, Boston, MA 02110

Ironwood®