



global rare diseases 

PharmD Fellowship Program

2027-2029

A message from Leadership

At Chiesi ([Chiesi \[key-ay-zee\]](#)) Global Rare Diseases, we are driven by a deep commitment to improving the lives of individuals living with rare and ultra-rare conditions. Our Medical Affairs Fellowship Program reflects this mission by offering an immersive, hands-on experience that empowers fellows to contribute meaningfully to our work from day one. With a strong foundation in scientific excellence, patient-centered values, and cross-functional collaboration, Chiesi provides a dynamic environment where fellows can explore diverse areas of Medical Affairs and develop into future leaders in the biopharmaceutical industry.

Our fellows are not only learners—they are valued team members whose insights and contributions help shape our strategies and impact. The program is designed to foster both professional and personal growth through mentorship, real-world projects, and exposure to the complexities of rare disease drug development. We are proud to invest in the next generation of Medical Affairs professionals and are excited to welcome fellows who share our passion for innovation, compassion, and making a difference in patients' lives.



Rachele Berria, MD, PhD

Senior Vice President, Global Medical Affairs, Rare Diseases

Revolutionizing the lives of patients with rare diseases

At Chiesi, we are making a rare difference. We strive to create a world where it is common to have a therapy for all diseases and we act as a force for good, for society and the planet.

As a family business, we deliver innovative therapies and solutions for people affected by rare diseases. Our goal is to ensure equal access so as many people as possible can experience their most fulfilling life.

We are passionate about what we do and compassionate towards individuals with rare diseases, their caregivers, and partners. We listen to and understand the needs of the community that we are privileged to serve, and we aspire to provide them with support throughout their journey. With perseverance and dedication, our team collaborates with the rare disease community around the globe to bring a voice to underserved people in the health care system.

With grit, determination and urgency, we are committed to removing obstacles to provide people affected by rare diseases with the tools they need while overcoming disparities and contributing to the societal imperative of ensuring health for people of all ages.

We leverage our entrepreneurial spirit, integrity and drive to make a substantial difference in the lives of people with rare diseases and their families: We are making a rare difference.

Certified



Corporation

Chiesi is the largest global pharmaceutical company to be awarded B Corporation Certification, a recognition of high social and environmental standards. It's an achievement to be proud of, and yet it feels natural: caring for others is at the root of health science, and it has always been at the core of our work.

B Corporations are businesses that balance purpose with profit. With this status, we are legally required to consider the impact of our decisions on our employees, customers, suppliers, community, and the environment. This is a global movement of people using business as a force for good.

[Read more](#) about our Corporate Social Responsibility

The Place To Be



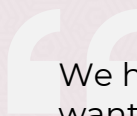
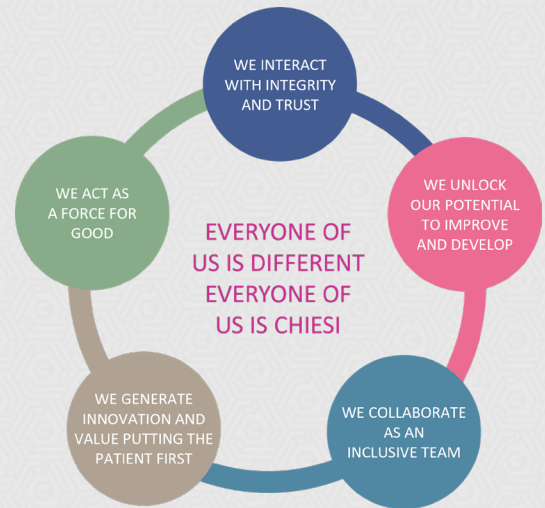
Our rare disease Mission

As part of the broader Chiesi Group, we believe patients are at the heart of what we do. That's why our journey (and commitment) begins with and centers on patients. We work in close partnership with patients, caregivers, medical, educational, and governmental entities to ensure regulatory, environmental, and pricing practices are beneficial to the patients we serve and every one of us.

We believe in passion, courage, teamwork, and innovation.

Our mission is to become a point of reference for all patients affected by rare diseases, to build a better future for patients, and to continue exploring new frontiers of treatment and care.

Our Values



We honor rare disease patient's struggle, and we want to make sure that we are as courageous as they are in fighting their diseases as we go out and try and make a difference in their lives."

Giacomo Chiesi

Head of Global Rare Diseases

Chiesi in the Community

At Chiesi, we view **corporate citizenship** as a fundamental responsibility—one that goes beyond business to encompass economic, social, cultural, and environmental impact in the communities where we operate.

Chiesi's community engagement efforts and economic contributions in the countries we are present, according to local community needs, focus on:



Our areas of Focus

What is a rare disease?

A rare disease is a condition that affects a small number of people. In the United States, it's defined as affecting fewer than 200,000 people nationwide. These diseases are often serious, chronic, and require special medical attention.

Over 7,000 types of rare diseases have been identified, and 70% manifest in childhood. Globally, 350 million people have a rare disease, and no treatment is available for most rare diseases (as many as 95%).

5 Key Therapeutic Areas of Focus

Rare Inborn Errors of Metabolism



Alpha-Mannosidosis

An ultra-rare, lysosomal storage disorder caused by a deficiency of the enzyme alpha-mannosidase, leading to the toxic buildup of complex sugars in cells and affecting multiple organs, including the central nervous system.

Fabry Disease

A lysosomal storage disorder caused by a deficiency of the enzyme alpha-galactosidase A, leading to the buildup of fatty substances in cells that can damage the heart, kidneys, brain, skin, and nervous system.

Rare Hematology & Immunology



Thalassemia

A group of inherited blood disorders that reduce the body's ability to produce hemoglobin and healthy red blood cells, leading to anemia that can range from mild to life-threatening depending on the type and severity.

Sickle Cell Disease

A blood disorder where abnormal hemoglobin causes red blood cells to become rigid and sickle-shaped, leading to blockages in blood vessels, chronic anemia, and serious complications.



ADA-SCID

A rare, inherited disorder that leads to severe combined immunodeficiency by preventing the development of functional immune cells due to toxic buildup from the absence of the ADA enzyme.

Rare Endo-Metabolic



Acromegaly

A hormonal disorder, typically caused by a benign pituitary tumor, that leads to excessive growth hormone production in adults, resulting in enlarged hands, feet, facial features, and internal organs.



Homozygous Familial Hypercholesterolemia

A condition in which the body cannot effectively remove LDL from the blood, leading to extremely high cholesterol levels and early, aggressive atherosclerosis.

Lipodystrophy

A condition caused by loss of fat tissue from the body either due to a mutation in certain genes (congenital or familial lipodystrophy) or associated with other medical conditions.



Primary Hyperoxaluria Type 1

A rare, severe inherited metabolic disorder leading to recurrent kidney stones, nephrocalcinosis, declining kidney function, and potential kidney failure.

Rare Dermatology



Epidermolysis Bullosa

A dermatological disorder that causes extremely fragile skin, leading to painful blisters and tears from minor friction or trauma, and in severe cases, can affect internal organs.

Fellowship program overview

The Chiesi Global Rare Diseases Postdoctoral Fellowship Program in partnership with Northeastern University focuses on advancing care for patients with rare and ultra-rare conditions. This unique opportunity empowers PharmD graduates to gain in-depth experience in medical affairs with an innovative, patient-centered biopharmaceutical company. The program is designed to develop future leaders in the rare diseases space by offering fellows exposure to strategic functions such as Scientific Communications, Medical Information, Field Medical, and Medical Strategy. Fellows are encouraged to explore cross-functional collaboration while contributing to the development of impactful therapies. A cornerstone of the program is the integration of Northeastern University's teaching and academic resources, providing fellows the opportunity to refine their communication and mentorship skills in a dynamic educational environment.

What makes the Chiesi Fellowship Program unique?

- Opportunity to contribute to pre-commercial, launch, and post-approval activities across multiple products
- Flexibility to explore areas of interest across multiple disease states for an individualized experience
- Ability to collaborate with executive leadership on strategic, high-impact projects
- Lead a comprehensive longitudinal project that integrates knowledge and skills through the fellowship
- Located in the hub of biotech, Boston, Massachusetts, the program offers a hybrid fellowship experience

FELLOWSHIP OVERVIEW



North America Medical Affairs

Actively Recruiting: 1 Fellow

The Medical Affairs Fellowship at Chiesi Global Rare Diseases will offer an opportunity for fellows to develop a proficient understanding of Medical Affairs, including analyzing, developing and delivering scientifically-balanced data to healthcare providers to improve patient outcomes.

Throughout the two-year fellowship, the fellow will engage in projects to learn and understand disease state and master product data while gaining experience in various functional areas of Medical Affairs.

ROLES & RESPONSIBILITIES

Develop an understanding of industry regulations, guidance, and practice related to:

- External engagement of clinicians & researchers
- Responding to solicited & unsolicited drug inquiries
- Non-promotional & promotional materials development and review
- Clinical & real-world evidence data dissemination
- Publication management
- Medical/scientific content creation
- Research study design and strategy including real world evidence generation
- Congress and event planning & execution
- Educational grants and sponsorships

Engage in cross-functional activity with:

- Clinical Development
- Legal/Compliance
- Market Access & HEOR
- Patient Advocacy
- Regulatory Affairs
- Sales & Marketing

ROTATIONAL OPPORTUNITIES

Scientific Communications & Medical Education

Medical Information

Medical Operations

Medical Strategy

Field Medical / MSL

Real World Evidence

Second year fellows will have the opportunity to select an area of interest to focus on for the remainder of their fellowship. Fellows are encouraged to seek opportunities to engage in impactful longitudinal capstone projects in a specific therapeutic area.



Jason Crompton, PharmD
Global Head, Medical Affairs Strategy,
Endometabolic
Fellowship Director



Ming Ye, PharmD
North America Medical Affairs Fellow
2025-2027



Veer Patel, PharmD
North America Medical Affairs Fellow
2026-2028

Chiesi Fellowship Statistics

Chiesi Fellowship Statistics

The Chiesi Fellowship Program takes great pride in seeing our alumni thrive in influential roles across the industry. The knowledge and experience they gained during their fellowship have served as a strong foundation for ongoing growth and achievement.



Since 2021

75%

of past fellows were
retained by Chiesi

100%

obtained a full-time
position post-fellowship

Roles include:

Medical Affairs Manager

Medical Science Liaison

**Scientific Communications
Manager**



Northeastern University Pharmaceutical Industry Fellowships

ABOUT OUR PROGRAM

OVERVIEW

Northeastern University Pharmaceutical Industry Fellowships Program is a two-year experiential program designed to advance lifelong learning and the education and training of PharmD graduates. Critical to the success of the program is our ability to prepare fellows to meet the ongoing workforce needs in various areas of industry.

Our program provides fellows an opportunity to work with our innovative biopharmaceutical industry partners while collaborating with Northeastern University faculty in the areas of professional and career development, service, scholarship, and teaching.



OUR MISSION

Our mission is to provide the highest quality training for future biopharmaceutical industry professionals by combining industry expertise with Northeastern University's renowned tradition of lifelong and experiential learning.

CORE VALUES

- ☑ Innovation
- ☑ Lifelong Learning
- ☑ Social Impact Through Drug Development
- ☑ Quality Industry Pharmacy Training

FOCUS AREAS

LEARN

Pursue graduate degrees or certificates in Regulatory Affairs, Business, Public Health, and more through tuition reimbursement.

TEACH

Teach pharmacy students in various small and large group classes. Earn a Teaching Certificate of achievement.

RESEARCH

Perform research with faculty and students. Present data at conferences. Publish your findings. Generate literature.

NETWORK

Boston has a lot to offer, both socially and professionally. Our program takes advantage of it all!

Thanks to the collaboration and dedication of our industry partners over the course of nearly 10 years, our program is now the 3rd largest industry fellowship program in the nation.

OUR PROGRAM PILLARS

TEACHING & SCHOLARSHIP

Teaching and Learning Seminar Series provides contextual activities and reflection on adult education and pedagogy outcomes.

PROFESSIONAL & CAREER TRAINING

Professional Development and Career Training Series are customized to engage fellows in appropriate and professional conduct for success.

SERVICE

Through their service on committees, fellows have an active connection within the community and program. This allows an opportunity to demonstrate leadership development and skills.



Northeastern University Pharmaceutical Industry Fellowships Program provides a dynamic academic environment offering fellows the opportunity for a wide breadth of experiences.



PROGRAM OPPORTUNITIES

Develop teaching skills through participation in our Teaching and Learning Seminar Series

Utilize a layered learning model in experiential education by co-precepting students on pharmacy practice experiences including Northeastern's unique co-op program

Facilitate small and large group didactic education in partnership with a faculty mentor

Create, present, and publish scholarly research through collaborative industry and university relationships

Engage with faculty who participate in various interdisciplinary graduate programs including biotechnology, nanomedicine, immunology, health informatics, and drug discovery

Network with local residents and other Northeastern fellows via professional development programs, teaching seminars, and participation on fellowship committees

OUR PARTNER COMPANIES

SINCE 2015

Through these exciting partnerships, Northeastern fellows collaborate and learn from each other, further positioning them to be successful in both academic and industry settings. Fellows are empowered to shape their experience, as well as the future of the program, through leadership on the Professional Development & Networking and Recruitment committees.



26

Industry Partnerships

74

Active Fellows

156

Fellowship Alumni

99%

Employment in Industry within 90 days of Fellowship Completion



OUR TEAM



Andrew Orr-Skirvin

Faculty Director



Amanda Scott

Faculty Manager



Sherisse Mayala-Nelson

Program Manager



Sophia Sawtelle

Senior Program Coordinator



Julia Van

Director of Corporate
and Foundation Relations



Milini Rambukwella

Human Resources
Associate



Dayna D'Angelo

Budget Coordinator



Jason Lancaster

Clinical Professor
Fellowship Faculty Manager



Adam Wooley

Clinical Professor
Fellowship Faculty Manager

**CONNECT
WITH US!**



Instagram

[@nufellowship](https://www.instagram.com/nufellowship)



LinkedIn

[Northeastern Pharmaceutical
Industry Fellowships](#)

BOSTON, MA:

Northeastern University is in the heart of Boston, steps away from the famous Fenway Park and downtown Boston. Surrounded by top tier academic and research institutions, the area is home to pioneers of innovation who are committed to intellectual curiosity and scientific advancement. The greater Boston area is a cultural hub, offering world-class attractions and rich history.

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YEAR 1 FELLOWS



Shyanne Casapao PharmD
Abbott
Global Medical Affairs



Leah Song, PharmD
Alnylam
Global Scientific Communications



Azhar Hussain, PharmD, DHA, MBA
Abbott
Global Medical Affairs



Kezia Eapen, PharmD
Alnylam
Global Medical Information



Tania Nguyen, PharmD
Alnylam
US Medical Affairs



Sarika Satishkumar, PharmD
Alnylam
Global Regulatory Affairs



Shadi Barjasteh Mohebby, PharmD
Alnylam
Global Patient Safety
and Risk Management



Zeenat Entezar, PharmD
Alnylam
Global Medical Affairs



Alec Bayne O'Reilly, PharmD
Alnylam
Early Assets Global Medical
Affairs



Wendy Wang, PharmD
Alnylam
Clinical Science



Kate VanBilliard, PharmD
Alnylam
Global Scientific
Communications



Rohan Prasanna Deshpande, PharmD
Alnylam
U.S. Marketing - Rare Disease TTR

YEAR 1 FELLOWS



Hemali Patel, PharmD
Apellis
Medical Affairs



Aiyat Ali, PharmD
Dompe
Global Regulatory Affairs



Christopher Cha, PharmD
BioNTech
Health Economics and
Outcomes Research



Victoria Walsh, PharmD
Intellia Therapeutics
Global Medical Affairs



Amy Nguyen, PharmD
BridgeBio/ Eidos
Regulatory Affairs



Hania Mohsen, PharmD
Ironwood
Regulatory Affairs



Veerkumar Patel, PharmD
Chiesi
North America Medical Affairs



Apostoli Malouhos, PharmD
Pacira
Global Medical Information and
Communications



Cassie Lynch, PharmD
CSL Seqirus
Medical Affairs



Caitlin Raimo, PharmD
Scholar Rock
Global Scientific Communications



Jan Hernandez-Velazquez, PharmD, MS
Dompe
Global Regulatory Affairs



Llaran Turner, PhD
Takeda
Global Medical Affairs

YEAR 1 FELLOWS



Peeper Walker, PharmD
Takeda
Global Medical Affairs



Brinn Mancuso, PharmD
Vertex
Medical Affairs



Tina Zheng, PharmD
Takeda
Global Regulatory Affairs



Xhulio Kampula, PharmD
Vertex
Medical Affairs



Alanna M. Farrell Colón, PhD
Takeda
Global Medical Affairs



Abena Agyei, PharmD, MS
Vertex
Regulatory Affairs



Kathryn LeMoine, PharmD, MA
Vertex
Clinical Science



Alexander McHugh, PharmD
Zevra
Global Medical Affairs



Sophie Friedman, PharmD
Vertex
US Market Access



Ellie King, PharmD
Vertex
Medical Affairs

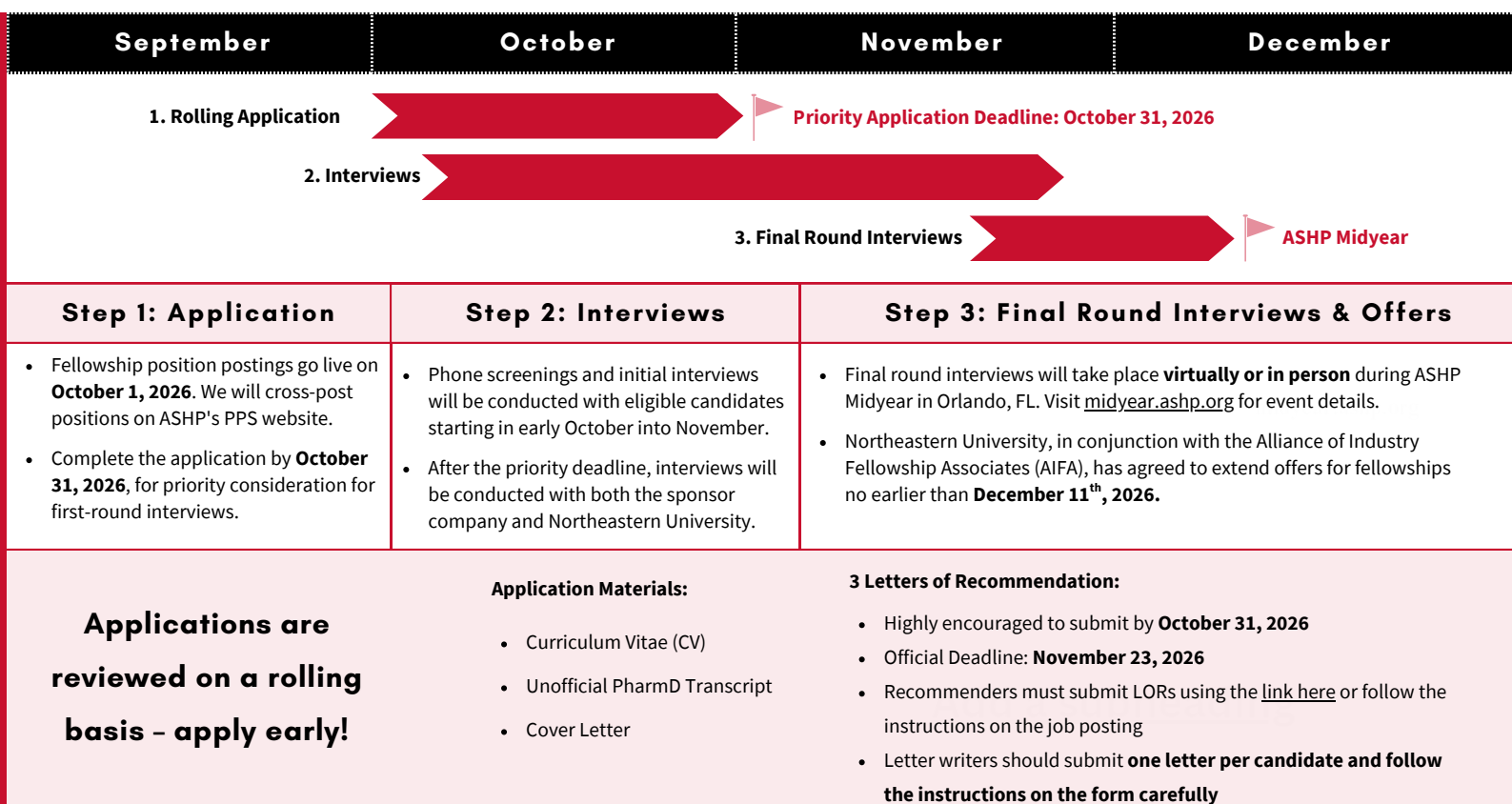


Northeastern University

Pharmaceutical Industry Fellowships

APPLICATION REQUIREMENTS

Fellows are selected on a nationally competitive basis. Unless otherwise noted in the position description, candidates must have a Doctor of Pharmacy degree from an ACPE-accredited college of pharmacy by June 30, 2027. Candidates must apply through [Northeastern's career portal](#) and are encouraged to do so by the priority application deadline of October 31, 2026.



ADDRESS YOUR COVER LETTER AND 3 LETTERS OF RECOMMENDATION TO:

J. Andrew Orr-Skirvin, PharmD, BCOP
 Clinical Professor, School of Pharmacy
 Chair, Department of Pharmacy & Health System Sciences
 Director of Pharmaceutical Industry Fellowship Program
 360 Huntington Ave, 140TF R218
 Boston, MA 02115

For more information and fellowship resources:

Visit: a27p.com
 Visit: bouve.northeastern.edu/pharmacy/fellowships
 Email: PharmDfellowships@northeastern.edu

Please note: Northeastern University will not provide H-1B, TN, O-1, E-3, or any other type of employment visa sponsorship for the successful applicant to this position, now or in the future. STEM OPT is not compatible for this position. The successful applicant must be able to maintain valid work authorization in the United States throughout the entire appointment without Northeastern University's sponsorship for a visa.