

Alnylam PharmD Fellowship Program

Program Guide and Application Information 2027-2029



IN PARTNERSHIP WITH

Northeastern University
Bouvé College of Health Sciences





A Message from Alnylam's Leadership

The Alnylam Fellowship Program offers a unique experience that, I believe, is unrivaled in our industry. Alnylam's broad pipeline, continued growth, and open culture allows fellows to take on meaningful projects and roles and explore interests in multiple expertise areas across the company. The opportunities for an Alnylam fellow are limited only by their interests.

The fellowship program is rewarding for Alnylam as well as it allows our organization to develop a pipeline of top talent capable of tackling the complex challenges we face in our mission to bring groundbreaking medicines to patients around the world. We have had a strong track record of recruiting those fellows who complete the program into positions across the company. Seeing our past fellows continue to succeed in various roles within Alnylam, and across the industry, is personally rewarding to me and our preceptors and reflects the breadth of possibilities the Alnylam Fellowship Program offers.

Andrew Slugg, MS, MBA

Senior Vice President, Regulatory Affairs

Executive Sponsor of the Alnylam/Northeastern Fellowship Program



A Message from Alnylam's Fellowship Program Director

Commitment to People, Open Culture, Fiercely Innovative, Passion for Excellence, and Purposeful Urgency. These are Alnylam's core company values, and these qualities are found in everything we do here at Alnylam, including the Alnylam Fellowship Program. This is a truly unique program that provides unparalleled, hands-on experiences that allow a fellow to develop valuable skills that will contribute to their future success in the biotech and pharmaceutical industry.

I have been involved with the Alnylam Fellowship Program for several years now, and every year, I am incredibly impressed with the talent and enthusiasm that each fellow brings to the company. They are valuable assets to Alnylam and are recognized for their significant contributions. As Program Director and mentor to the fellows, I am exceedingly proud of what they have all accomplished and will continue to accomplish in the future.

Heather Sun, PharmD

Senior Director, Medical Information & Review

Alnylam Fellowship Program Director



Table of Contents

About Alnylam

Company Overview	5
------------------------	---

The Alnylam Fellowship Program

Fellowship Program Overview	6
Fellowships Actively Recruiting	7-17
Clinical Science	7
Regulatory Affairs	8
Safety and Risk Management	9
US Medical Affairs	10
North America Medical Affairs – Global Rare	11
Early Assets (Pipeline) Global Medical Affairs	12
Global Medical Affairs TTR	13
Global Scientific Communications: Medical Information/Digital Engagement ...	14
Global Scientific Communications: Medical Communications/Publications.....	15
US Marketing	16
US Market Access	17

Northeastern University

Program Overview	18
Program Opportunities	19
Partner Companies	20
Fellowship Team	21
Northeastern Fellows	22-25

Application Information

Application Process	26
---------------------------	----



Alnylam Pharmaceuticals

Company Overview

Founded in 2002, Alnylam Pharmaceuticals established an unwavering commitment to harnessing the power of RNA interference (RNAi) for treating rare conditions for patients with high unmet medical needs. Alnylam has led the translation of RNAi to an innovative class of approved and investigational medicines used to treat a wide range of diseases using its powerful, clinically validated approach. In the summer of 2018, Alnylam established a new class of medicines, pioneering the delivery of RNAi therapeutics to patients through the FDA and EMA approval of ONPATTRO® (patisiran). This is the first of multiple launches anticipated in the “Alnylam P⁵x25” guidance for the advancement and commercialization of RNAi therapeutics. The passionate and dedicated employees at Alnylam look forward to delivering its medicines to patients who need them around the world.

“RNAi has been heralded as a major scientific breakthrough that happens once every decade or so.”



Phillip Sharp, PhD
Noble Laureate & Founder of Alnylam

An Award-Winning Company

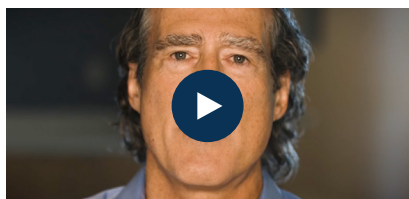
* Below are the current awards received as of August 2026. See our most current awards at alnylam.com/careers



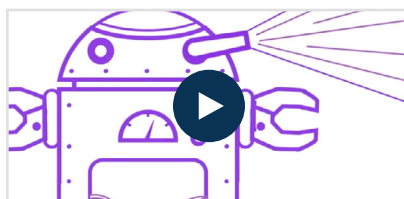
Alnylam's Science and RNAi Platform

RNAi was first discovered in the purple petunia flower and later translated into worms by biologists Andrew Fire and Craig Mello, marking a major scientific breakthrough while establishing a new frontier in drug development. Alnylam's mission is to build a top-tier biopharmaceutical company founded on RNAi. Rather than treating symptoms, Alnylam's approved and pipeline of investigational therapies work upstream of today's medicines by silencing the messenger RNA (mRNA) that is transcribed into disease-causing or disease-contributing proteins. Through RNAi, patients are treated in a fundamentally new way.

From Possibilities to Patients



What is RNAi and How Do RNAi Therapeutics Work?



New Class of Medicines



[View our most current pipeline online.](#)

To those who say “impossible, impractical, unrealistic,” we say:

CHALLENGE ACCEPTED

We are relentless in our pursuit of new treatments.
Because patients shouldn't have to wait for hope.



Fellowship Program

Overview

In 2015, Alnylam Pharmaceuticals partnered with Northeastern University to offer a unique fellowship opportunity in the heart of Boston. The program set out to equip postdoctoral PharmDs with the skills necessary to develop the advanced medicines of the future, like RNAi therapeutics. The goal was and remains the same: to cultivate the future leaders of biotechnology and allow fellows to help pioneer new therapies for patients. Alnylam fellows are grounded in their core expertise area but utilize the fellowship's flexibility to branch out and discover other opportunities throughout the organization. Part of the backbone of the fellowship program is the Northeastern University teaching opportunities which allow fellows to share their knowledge in an educational setting.

What sets the Alnylam/Northeastern Fellowship apart?

- Ability to work in multiple therapeutic areas across pre-commercial, launch, and post-approval activities
- Vested interest and individualized mentoring from leading professionals in their field
- Opportunities to engage in immersive, personalized experiences inside and out of one's expertise area
- Ability to conduct academic research aligned with your interests under the mentorship of engaged Northeastern faculty members



Heather Sun, PharmD

Alnylam Fellowship Program
Director & Senior Director,
Medical Information & Review



Andrew Orr-Skirvin, PharmD, BCOP

Clinical Professor, Pharmaceutical
Industry Fellowship Program Director

Department of Pharmacy & Health
Systems Sciences, Bouvé College of
Health Sciences

Clinical Science

Actively Recruiting: 1 Fellow

Clinical Science is one of the core functions of Clinical Development at Alnylam that pairs scientific acumen with practical clinical knowledge to enable efficient and effective drug development. Clinical Scientists contribute throughout the development cycle from Phase 1 to IND submission. They are data-driven, scientific leaders of programs in the clinical stage, with key responsibilities in clinical research and study execution.

The fellow will develop a deep understanding of the Clinical Science function, in particular through hands-on experience and interfacing with key collaborators in the Clinical Development organization. At the conclusion of the program, the fellow should be equipped with the skills to contribute as an autonomous Clinical Scientist or other closely related role within Clinical Development.

Roles and Responsibilities

- Development of key documents including clinical development plans, protocol concepts and full protocols for product(s) in early development along with contributing to activities for product(s) in later stages of development, including NDA filings
- Contribute to the development of clinical sections of regulatory documents such as Investigators' Brochures, briefing books, safety updates, IND/NDA submission documents, and responses to Health Authorities questions
- Engagement in medical data review and analysis during study execution to ensure integrity of accruing study data
- Develop effective working relationships with key investigators in assigned programs to optimize scientific quality/innovation of clinical study design, execution, reporting and publication
- Contribute to trial-related advisory boards
- Participate in investigators meetings and protocol training meetings
- Coordinate the real time availability of quality clinical trial data, including safety, efficacy, pharmacokinetic and biomarker data, to provide consolidated information for data review meetings
- Create content to support internal and external clinical and scientific discussions on assigned programs and therapeutic areas

EXPERIENTIAL OPPORTUNITIES

- Regulatory Affairs
- Data Science, Statistics & Epidemiology
- Clinical Pharmacology & Pharmacometrics
- Clinical Operations
- Pharmacovigilance & Patient Safety
- Medical Communications & Publications



Why did you choose Clinical Science at Alnylam?

"I chose the Clinical Science Fellowship at Alnylam because I am inspired by the company's mission to transform disease treatment by targeting its root causes. Through Alnylam's innovative RNAi pipeline, fellows can contribute to study design and execution early in a drug's lifecycle while developing a rigorous and creative approach to clinical research through strong mentorship. The opportunity to make meaningful impact while growing as a scientist is what drew me to Alnylam."

Wendy Wang, PharmD, 1st Year Clinical Science Fellow



What learning opportunities will the fellow have?

"The Clinical Science Fellowship will provide a broad opportunity to learn about and contribute to the development of Alnylam's investigational therapies across multiple phases and therapeutic areas. This role will be highly integrated across expertise areas in development and affords an experience that reflects the cross-functional nature of clinical research. Upon completion of this fellowship, I hope that our Clinical Science Fellow will have become familiar with the internal and external drivers critical to success of developing a new therapeutic and have had exposure to the unique and innovative strategies informing Alnylam's dynamic clinical pipeline."

Robert Deering, PharmD, PhD, Preceptor & Director, Clinical Science



Regulatory Affairs

Actively Recruiting: 1 Fellow

Regulatory Affairs at Alnylam is a group with diverse scientific, technical, and clinical expertise. The team is responsible for creating and implementing innovative global strategies for expedited drug development and approval of Alnylam's products. All stages of drug development are dependent on effective regulatory support and management. The experience gained throughout this fellowship will allow the Regulatory Affairs Fellow to develop a deep understanding of Global Regulatory Strategy across development programs and to gain project-based exposure across other regulatory affairs disciplines.

EXPERIENTIAL OPPORTUNITIES

- Global Regulatory Affairs Strategy
- Advertising & Promotional Review
- Global Labeling Strategy
- Regulatory Intelligence

Roles and Responsibilities

- Support, prepare, and submit a wide range of regulatory filings such as investigational new drug applications, clinical trial applications, new drug applications, and international marketing authorization applications
- Participate in cross-functional meetings to support and contribute to the clinical development plan and regulatory strategy
- Conduct guidance and precedent research to support regulatory strategy
- Support the development and lifecycle maintenance submissions for commercial programs
- Assist in the preparation of U.S. and/or international regulatory submissions as assigned



What's the most rewarding part of your fellowship?

"Learning to think strategically about the drug development process while seeing the critical role Regulatory Affairs plays in bringing innovative therapies to patients has been incredibly rewarding. I've been able to apply my scientific background and develop a deeper understanding of how regulatory considerations, evolving data, and business priorities come together to shape development decisions."

Sarika Satishkumar, PharmD, 1st Year Regulatory Affairs Fellow



How is the Alnylam fellowship unique from your perspective?

"The Alnylam Fellowship combines scientific innovation with a personalized, growth-focused experience. Fellows are treated as core members of the team, and the open, collaborative environment fosters meaningful relationships with cross-functional teams, senior leaders, and former fellows who remain actively engaged in mentorship."

Gail Mensah, PharmD, RPh, 2nd Year Regulatory Affairs Fellow



Why did you choose the Regulatory Affairs Fellowship at Alnylam?

"Alnylam makes fellows' learning a priority by allowing them to specialize in regulatory strategy and take ownership of impactful submissions. Alnylam's consistent innovation in RNAi therapeutics also provides fellows exposure to all stages of drug development."

Colin Galliano, PharmD, RPh, 2nd Year Regulatory Affairs Fellow



What characteristics do you believe define an Alnylam fellow?

"An Alnylam fellow is defined by their unwavering curiosity, intellectual rigor, and collaborative spirit. They thrive on tackling complex scientific challenges with creativity and perseverance, contributing to groundbreaking research and development. Their dedication to advancing our mission and their ability to work seamlessly with diverse teams are crucial to their success and impact at Alnylam."

Bridget Rothwell, PharmD, RPh, Preceptor & Director, Regulatory Affairs



Safety and Risk Management

Actively Recruiting: 1 Fellow

Safety and Risk Management (SRM) oversees all activities related to the detection, assessment, understanding, and prevention of adverse effects or other medicine-related safety concerns to ensure safe use of medicines and to safeguard health of patients. The fellow can expect to gain a thorough understanding of pharmacovigilance (PV) activities and actively participate in the development and maintenance of the drug safety profiles for our revolutionary RNAi platform.

EXPERIENTIAL OPPORTUNITIES

- PV Science
- Safety Operations
- Safety in Clinical Development
- Safety in Post Marketing

Roles and Responsibilities

- Provide scientific and strategic assistance to Safety Product Leads to support Alnylam products
- Participate in the collection, interpretation, and presentation of safety data in internal forums
- Support signal detection and management activities with Lead Safety Physicians and PV Scientists
- Engage in safety data review, analysis, and reporting of safety data to internal and external stakeholders by planning, managing, and authoring safety aggregate reports (e.g. PBRERs, DSURs)
- Participate in the development and management of Risk Management Plans



Why did you choose Alnylam?

“Alnylam’s willingness to challenge what is possible in medicine inspires me. Alongside the breakthrough RNAi platform, there is a culture which truly encourages curiosity, collaboration, and learning. Every person on this team, regardless of their role, has taken the time to connect and support my growth and interests as a fellow. This unique environment provides the opportunity to explore the industry and develop as a professional, while contributing meaningfully to the treatment of patients living with rare disease.”

Shadi Mohebbi, PharmD, 1st Year Safety and Risk Management Fellow



What makes Alnylam stand out to you?

“Alnylam’s dedication to its patients through innovation is what stands out to me. They’re not just developing new therapeutics; they’re changing lives with treatments that give hope to those facing rare and devastating diseases with their RNAi science. This leads to employees being encouraged to work collaboratively to continue to bring impactful therapeutics to their patients and creates a work environment focused on growth and learning.”

Rohan Kantesaria, PharmD, RPh, 2nd Year Safety and Risk Management Fellow



What is the commitment to professional development at Alnylam?

“At Alnylam, we are driven by a desire and passion for meaningful work that makes a difference. The SRM group works to ensure that the safety profiles of all products are continually monitored and assessed for patient safety. Through our fellowship program, we foster professional growth by offering hands-on experience in applying clinical knowledge within the biopharmaceutical industry – helping to deliver the right therapies to the right patients.”

Lois Ahn, PharmD, Preceptor & Director, PV Science in Safety and Risk Management



What learning opportunities will the SRM fellow have?

“This program will provide an opportunity to work closely with Safety Physicians and PV Scientists in collaboration with other departments, such as Clinical Development, Medical Affairs and Regulatory. The SRM fellow will be exposed to the broad spectrum of pharmacovigilance activities from first-in-human studies throughout the entire lifecycle of the product and will gain skills on signal detection, risk management and other crucial aspects of patients’ safety in clinical trials as well as post-marketing arena.”

Elena Yureneva, MD, MHA, Preceptor & VP, Head of Medical Safety and Risk Management



US Medical Affairs

Actively Recruiting: 1 Fellow

US Medical Affairs translates and implements the disease and product strategy set at the global level and adapts it to the US healthcare landscape. US Medical works within a cross-functional team building tactical alignment with internal partners and delivers on the medical plan. US Medical directors play a key role in informing global product development and data generation strategies with perspective of the US region. The team also provides disease and product education to internal stakeholders as well as the external healthcare community. Field medical teams within US Medical engage in scientific discussions with both HCPs and payers to collect and disseminate evolving insights on the external treatment landscape, Alnylam's clinical trial programs, and Alnylam data to inform Alnylam strategy. The US Medical Affairs Fellow will support the development and pull-through of scientific presentations to support medical activity across product lifecycles from pre-approval to post-market. The fellow will also have a chance to shadow MSLs and Medical Outcomes Science Liaisons and understand the principles of engagement with HCPs and formulary decision makers, gathering insights and leading scientific discussions.

EXPERIENTIAL OPPORTUNITIES

- Field Medical
- Medical Publications & Communications
- Value & Evidence Strategy / HEOR
- US Medical Operations
- Medical Omnichannel Engagement
- Medical Excellence

Roles and Responsibilities

- Contribute to the tactical planning and execution of US Medical Affairs plans
- Understand patient pathways, care gaps, and HCP education needs in different US geographies and support development of regional field medical plans
- Support the medical plan for the ongoing evolution of Alnylam and its products in the ATTR amyloidosis space
- Support the development and/or pull-through of US-specific medical communications, publications, and training materials



What inspires you about Alnylam?

"The unique combination of groundbreaking science and an unwavering commitment to patients. When I first learned about Alnylam's mission, I was immediately drawn to the company's ability to push the boundaries of innovation while keeping patients at the center of everything it does. The discovery and advancement of RNAi therapeutics represent a transformative approach to medicine, and the ability to directly target gene expression is something I find particularly compelling. Beyond the science, I am inspired by the meaningful impact these therapies can have on patients and families affected by serious and often life-threatening diseases."

Tania Nguyen, PharmD, RPh, 1st Year US Medical Affairs TTR Fellow



What makes Alnylam stand out to you?

"Alnylam distinguishes itself through its bold pursuit of RNAi as a transformative therapeutic platform. What resonates with me most is their unwavering focus on tackling diseases at their genetic roots, especially those that have long been considered untreatable. Their approach reflects not just scientific ingenuity but a deep belief in transforming high-risk innovation into meaningful impact. Alnylam's ability to consistently push the boundaries of what is possible in medicine makes them more than a biotech company. They are a catalyst for change in how we think about treatment and care."

Jonathan Le, PharmD, 2nd Year US Medical Affairs TTR Fellow



What learning opportunities and impact can a US Medical Fellow have?

"Alnylam's mission is to harness the potential of RNAi therapeutics to transform the lives of people living with diseases for which there are limited or inadequate treatment options. US Medical Affairs is a vanguard in forwarding this mission. A fellow deeply embedded within our department will have an incredible opportunity to learn and provide measurable impact. I have personally observed the work of keen past and current fellows directly impacting strategic and tactical decisions and outputs that ultimately translated into improved patient care. Not only does this work provide a profound sense of accomplishment, but these tangible examples can also be pulled-through into a career-launching portfolio."

Steven Roblin, PhD, Preceptor & Senior Medical Director, US TTR Lead



North America Medical Affairs – Global Rare

Actively Recruiting: 1 Fellow

Operate through the North America Medical Director's office with a focus on AHP and PH1 and Medical Affairs coverage of the US and Canada

Roles and Responsibilities

- Own and represent US publication encore plan
- Manage internal Medical Affairs meetings
- Complete MSL training and certification in Rare Disease - Lead selected Medical Affairs strategy projects
- Attend congresses as a Medical Affairs exhibitor

EXPERIENTIAL OPPORTUNITIES

- US Medical Strategy
- Field Medical
- Medical Communications & Publications
- Medical Operations
- Medical Omnichannel Engagement



Why did you choose the North America Medical Affairs – Global Rare Fellowship at Alnylam?

“I connected with Alnylam employees and it was a great fit. The more I learned about Alnylam's work with RNAi and treating diseases upstream rather than a patient's symptoms aligns with my values on how I think medicine should be. Rare disease also needs more focus, and I believe I can improve patient outcomes and reach more patients with rare conditions through this fellowship as it will allow me to work in all aspects of Medical Affairs and become more familiar with each area as a medical director.”

Elizabeth Brown, PharmD, 2nd year North America Medical Affairs – Rare Disease Fellow



What makes Alnylam stand out to you?

“What makes Alnylam stand out to me is its pioneering leadership in RNAi and commitment to translating innovative science into meaningful impact for patients. Alnylam consistently pushes the boundaries, often being among the first to apply cutting edge RNAi technology to new disease areas with unmet need. What I find most inspiring is Alnylam's ability to pair scientific ambition with a deep sense of purpose. Being part of an organization that continually redefines the future of medicine while maintaining a focus on patients and be a place where you can grow is incredibly rewarding.”

Sandra Salem, Preceptor & North America Senior Director – Medical Affairs, Global Rare

Early Assets (Pipeline) Global Medical Affairs

Actively Recruiting: 1 Fellow

The Early Assets Medical Affairs function develops the Medical strategy and leads Medical execution to support the development of Alnylam's investigational RNAi therapeutics. Early Assets Medical Affairs partners with experts across the organization to guide each unique investigational program as it enters the clinic and throughout its Ph 1 to Ph 3 development. Working cross-functionally across U.S. and global teams, key activities include mapping the clinical landscape, fostering scientific engagement with key opinion leaders (KOLs) and other stakeholders, and supporting the dissemination of early clinical study results. The fellow can also expect to contribute to strategic medical planning, champion congress engagements, support the development of medical materials, and collaborate with leaders from other key internal partners.

EXPERIENTIAL OPPORTUNITIES

- Medical Strategic Planning
- Field Medical Affairs
- Medical Communications & Publications
- Medical Excellence & Analytics
- External Stakeholder Engagements
- Commercial & Marketing
- Clinical Development

Roles and Responsibilities

- Lead therapeutic landscape and KOL mapping exercises to inform early program strategy, including supporting external engagement strategy and execution of advisory boards and medical congresses
- Contribute to MSL-related relationship building and insight synthesis and reporting with external stakeholders (KOLs, professional societies, patient advocates)
- Interpret pre-clinical and early clinical study results and develop publications supporting key messages for a clinical audience
- Develop slide decks, posters, publications, and other materials for scientific exchange and to support clinical development across therapeutic areas
- Synthesize input across cross-functional stakeholders to drive execution of Integrated Evidence Plans (IEPs) for early-stage disease programs
- Complete skills-based projects, as interested/needed, with other expertise areas within and outside of Medical Affairs including Field Medical, Medical Communications and Publications, Medical Excellence, VEST/HEOR, Clinical Development and Patient Advocacy



What inspires you about Alnylam?

"Aside from the incredible technology and pipeline, I am motivated everyday by the company culture and teams that I am a part of. Everybody here is driven in a way that you couldn't describe on paper and eager to contribute to the success of their product throughout its whole life cycle. The friendly and excited energy at Alnylam is what drives me to bring my best to my fellowship every day."

Alec O'Reilly, PharmD, RPh, 1st Year Early Assets Global Medical Affairs Fellow



What learning opportunities will the Early Assets Global Medical Affairs Fellow have?

"This fellowship has enabled me to go beyond foundational experiences as I've had the opportunity to drive early medical strategy through impactful projects. These opportunities have pushed me outside my comfort zone, strengthening my ability to think strategically, communicate cross-functionally, and deliver meaningful outcomes."

Jacob Molnar, PharmD, MS, 2nd Year Early Assets Global Medical Affairs Fellow



How will the Early Assets Fellowship develop the fellow for future career opportunities?

"My goal for a fellow is to provide a solid education regarding the role of Medical in early clinical development by offering well curated experiences. The fellow will work with outstanding teams from across the organization who will support and develop their competence and professionalism. The path post-fellowship will be informed by the unique strengths and interests of the fellow!"

Madeline Merkel, PharmD, MS, Preceptor & Director, Early Assets Medical Affairs



Global Medical Affairs TTR

Actively Recruiting: 1 Fellow

The Global Medical Affairs (GMA) TTR team is responsible for developing and driving the global medical strategy across the TTR amyloidosis franchise at Alnylam. The team plays a central role in shaping the strategy across evidence generation, external engagement, and scientific communications, ensuring strong alignment between the Global and Regional/Local levels. Additionally, GMA TTR serves as a key connector between internal stakeholders and the broader external medical and scientific community.

The PharmD Fellow will gain hands-on experience contributing to global strategic initiatives in a highly cross-functional setting, collaborating with colleagues across Global and Regional Medical, Commercial, and Clinical Development. This role offers an opportunity to gain exposure to the strategic and operational aspects of medical affairs in a dynamic environment spanning pre-launch, late-stage development, and commercialized product settings.

Roles and Responsibilities

- Support development of the integrated global medical strategy for Alnylam's TTR franchise, including contribution to the Integrated Evidence Plan (IEP)
- Synthesize internal and external insights to inform strategic planning and evidence generation
- Support external engagement strategy and execution, including for congresses, advisory boards, and collaboration with leading professional societies to advance medical priorities
- Contribute to the development and planning of scientific platforms, communications and training materials, data dissemination, and other global medical resources
- Collaborate with internal partners across Global and Regional Medical Affairs, Clinical Development, and Commercial to align on global priorities and execute cross-functional initiatives
- Participate in medical review of materials to ensure scientific accuracy and compliance
- Support the development of training materials and internal scientific resources for medical teams

EXPERIENTIAL OPPORTUNITIES

- Integrated Evidence Generation (across Clinical Development & VEST)
- Medical External Engagement Initiatives
- Scientific Communications & Publications
- Regional Medical Collaboration including International
- Medical Excellence & Operations
- Global Commercial Strategy



What inspires you about Alnylam?

"I am inspired by Alnylam's dedication to scientific innovation and its focus on translating that innovation into meaningful benefits for patients. Its efforts to develop therapies for both rare and more prevalent diseases reflect a vision to address significant unmet needs while continuing to advance a robust pipeline of potential medicines. I also appreciate that Alnylam recognizes the connection between human health and environmental sustainability. The company's efforts to reduce its environmental footprint, despite the challenges associated with pharmaceutical research and manufacturing, demonstrate a broader sense of responsibility that extends beyond drug development."

Zeenat Entezar, PharmD, 1st Year Global Medical Affairs, TTR Fellow



What learning opportunities will the fellow have?

"The GMA TTR Fellow will be embedded within a dynamic team and will have the opportunity to engage at the intersection of science, strategy, and patient impact. They will be immersed in the development and execution of global medical plans, gain experience in scientific communications, and collaborate across functions such as clinical development and commercial strategy. Through exposure to real-world evidence generation, congress planning, medical education, and regional medical support, the fellow will build a solid foundation in the key pillars of medical affairs while deepening their expertise in cardiovascular medicine. Most importantly, the fellow will be empowered to take ownership of meaningful projects that shape the global understanding and use of our therapies."

Jason Exter, PharmD, Preceptor & Executive Director, Global Medical Affairs, TTR



Global Scientific Communications: Medical Information/Digital Engagement

Actively Recruiting: 1 Fellow

The Medical Information & Review team provides accurate, balanced product information to healthcare professionals, patients, and caregivers, while partnering cross-functionally to support compliant communications. The Scientific Communications Strategy & Excellence team leads scientific communication and engagement strategies across Global Medical Affairs. The fellow will gain hands-on experience developing medical content and supporting strategic scientific communications initiatives.

Roles and Responsibilities

- Global management of requests for medical information
- Content Development including standard and custom responses, and FAQs
- Data analytics and insights collection and reporting
- Support of medical congress and information booths
- Develop and execute scientific communications strategy
- Advance digital communications with Medical Affairs

EXPERIENTIAL OPPORTUNITIES

- Medical Review
- Medical Communications & Publications
- Medical Training
- Field Medical (e.g. Medical Science Liaisons)
- Medical Operations
- Pharmacovigilance/Safety



Why did you choose Global Medical Information at Alnylam?

"I was excited to support accurate, scientifically balanced communication on a global scale. I am drawn to how Medical Information bridges complex scientific data with the needs of healthcare professionals, patients, and internal stakeholders. Alnylam's leadership in RNAi therapeutics and role in advancing a novel scientific concept into a global therapeutic platform make this work especially meaningful to me."

Kezia Eapen, PharmD, RPh, 1st Year Global Medical Information Fellow



What inspires you about Alnylam?

"At Alnylam we practice purposeful urgency, which inspires innovation and progress in the therapeutic landscape by incentivizing productivity with real world implications. There are so many possibilities with RNAi and being cognizant of the reason behind the science motivates us to seek new opportunities for innovation."

Rachel Phang, PharmD, RPh, 2nd Year Global Medical Information Fellow



How do you believe the fellowship will drive your fellow's future career path?

"The Global Medical Information Fellow will be fully integrated into the team and have the opportunity to learn the role by gaining real-world experience. Working hands-on with the team, the fellow will develop a strong platform of knowledge and skills that will serve as the basis of their professional career. At the completion of the fellowship, the fellow will be fully prepared to launch into their career path in the pharmaceutical or biotech industry."

Alana McGill, PharmD, RPh, Preceptor & Director, Medical Information



What learning opportunities will the fellow have?

"The Scientific Communications Strategy & Excellence Fellow will work at the intersection of science, strategy, and innovation. From digital engagement and scientific communications planning to advancing medical education, the fellow will gain broad Medical Affairs experience, develop cross-functional leadership skills, and contribute to projects that advance the impact of science for patients and healthcare professionals."

Pooja Shah, PharmD, MBA, Preceptor & Associate Director, Scientific Communications Strategy & Excellence



Global Scientific Communications: Medical Communications/Publications

Actively Recruiting: 1 Fellow

The Global Scientific Communications team leads the strategic dissemination of data through strong stakeholder engagement, enabling scientific exchange, with the ultimate goal of improving the care of patients. The fellow can expect to drive Global Scientific Communications strategy through engagement with cross-functional collaborators. This position is ideal for highly motivated, team-oriented, and adaptable individuals seeking unique experiences and professional growth within Global Medical Affairs.

EXPERIENTIAL OPPORTUNITIES

- Medical Strategy
- Medical Omnichannel Engagement
- Medical Training
- Field Medical
- Value & Evidence Strategy / HEOR

Roles and Responsibilities

- Execute scientific communication strategy for early- and late-stage programs
- Contribute to the strategic planning and tactical execution of global publications plans, including development of abstracts, poster/presentations, peer-reviewed manuscripts
- Lead the development of medical congress materials, including publications (abstracts, posters/presentations), booth content, or symposia
- Engage with key opinion leaders to develop various deliverables in alignment with scientific communication objectives



What makes Alnylam stand out to you?

“Alnylam’s exciting pipeline, unwavering commitment to patients, and leadership in RNAi therapeutics stand out to me. I am impressed by the company’s strong scientific platform and its urgent pursuit of solutions that target disease at its source. Alnylam’s focus on pioneering science and making a meaningful impact for patients reflects inspirational innovation.”

Kate Skerbetz, PharmD, 1st Year Global Medical Communications and Publications Fellow



How is the Alnylam Fellowship unique from your perspective?

“What stands out most is the opportunity to contribute to therapies that have the potential to transform treatment paradigms and make a meaningful impact on patients’ lives. At Alnylam, there is a strong sense of urgency to address significant unmet patient needs. Additionally, the fellowship provides hands-on project experience, close mentorship, and opportunities to actively engage in scientific exchange.”

Leah Song, PharmD, 1st Year Global Medical Communications and Publications Fellow



Why did you choose Global Medical Communications and Publications at Alnylam?

“Alnylam provides a wide range of opportunities grounded in innovation within RNAi therapeutics. This highly focused fellowship allows me to support various deliverables across the pipeline, ultimately providing me the chance to gain valuable skills while contributing to improved patient outcomes alongside a talented cross-functional team.”

Michelle Yu, PharmD, RPh, 2nd Year Global Medical Communications and Publications Fellow



What does being a mentor mean to you?

“Having been a fellow myself, I know firsthand how meaningful good mentorship can be. Early in my career, my mentors helped shape the professional I am today. Being a mentor means giving back by creating that same supportive environment, sharing experiences, providing guidance, and helping fellows develop the skills and confidence to discover the career path that’s right for them. It is incredibly rewarding to support the next generation of fellows as they begin building meaningful careers of their own.”

Kevork Ourfalian, PharmD, Preceptor & Associate Director, Medical Communications and Publications



US Marketing

Actively Recruiting: 1 Fellow

The US TTR Marketing team leads development and execution of marketing strategies for Alnylam's RNAi therapeutics. The Marketing Fellow will be a core member of the team, building expertise in strategic brand planning, developing high-impact marketing materials, leading cross-functional initiatives, and gaining broad exposure to diverse marketing channels and customers.

This fellowship is for individuals who are entrepreneurial, action-oriented, and enjoy working in a fast-paced, collaborative business environment. Fellows will rotate across the Patient, HCP, and Medical Education (MedEd) marketing teams, gaining broad exposure to different customers, multiple channels, and diverse promotional approaches.

EXPERIENTIAL OPPORTUNITIES

- Commercial Operations
- Market Insights
- Market Access
- Launch Excellence

Roles and Responsibilities

- Develop and execute strategic and tactical plans for the US TTR franchise
- Create product messaging and disease awareness materials across personal (field) and non-personal (digital) channels for both HCPs and patients
- Support commercial activities at key conferences, including booth design and development, product theaters, and promotional sponsorships
- Assess competitive landscape and contribute to the evolution of brand strategy and messaging
- Participate in market research to generate actionable insights
- Collaborate extensively with cross functional partners, including Medical Affairs, Legal, Regulatory, Patient Services, Market Access, Data & Analytics, Market Insights, Competitive Intelligence, Global Marketing, and US Commercial Field teams to support promotional activities



How has the Marketing Fellowship helped you grow and succeed?

"My team has trusted me with meaningful projects, and I've gained exposure to a wide range of commercial activities. These experiences have helped me build confidence, deepen my understanding of marketing, and develop skills that will be valuable throughout my career. Alnylam's culture has also inspired me to approach challenges with curiosity and creativity, all while always having a patient-first mindset."

Rohan Deshpande, PharmD, 1st Year US Marketing Fellow



How do fellows contribute to the larger goals of the team and the company during the program?

"Fellows are integral to our marketing team's success, contributing across the full spectrum from strategic brand planning to execution of key tactics. I've seen firsthand how their work shapes our strategy, sparks innovative thinking, and ultimately helps us deliver impactful therapies to patients."

Mallory West, MBA, Preceptor & Senior Director, US TTR HCP Marketing

US Market Access

Actively Recruiting: 1 Fellow

The US Market Access team is responsible for defining and executing the payer, trade, reimbursement, pricing and reimbursement strategy for Alnylam's RNAi therapeutics. The inaugural US Market Access Fellow will engage in payer and reimbursement marketing initiatives that help secure coverage for patients and help navigate them through the insurance journey. They will span across multiple Market Access functions to ensure a unified approach to executing our strategic imperatives. This role will involve extensive cross-functional collaboration with teams including US Marketing, Global Value & Access, Medical Affairs, Regulatory Affairs, Legal, Sales, and Insights & Analytics. The fellow will gain key experiences and skills in communication, commercial execution, marketing, and strategic planning.

EXPERIENTIAL OPPORTUNITIES

- US Marketing
- Global Market Access
- New Product Commercialization
- Commercial Training & Development

Roles and Responsibilities

- Execution of strategic and tactical plans for US Market Access across Alnylam's commercial portfolio
- Creation of field tools and training to support external customer engagements
- Lead Congress planning and management (e.g., material creation, meeting tracking and sponsorship management)
- Evaluation and analysis of competitive dynamics that may impact coverage, pricing, reimbursement & channel design
- Cross-functional collaboration with US Marketing, Global Value & Access, and Medical Affairs to ensure Market Access tactics are aligned across Commercial & Medical functional areas
- Participation and assessment of annual investment planning process, ensuring tactics and strategies are executed against broader brand strategies



How was the transition from fellow to full-time employee?

"The Global Market Access Fellowship program equipped me with the skills and experience needed to thrive in this role by challenging me to manage high-priority initiatives, develop a diverse set of capabilities, and turn complex strategies into clear, actionable steps. The fellow will be provided ample opportunities and gain the confidence needed to contribute meaningfully to the organization."

Jung Seo, PharmD, Senior Manager, US Market Access, 2023-2025 Global Market Access Fellow



What learning opportunities will the US Market Access Fellow have?

"This program will provide an opportunity to work across the Alnylam organization while gaining direct experience and exposure to the US Managed Care landscape. The US Healthcare ecosystem is one of the most complex and dynamic in the world and the ability to adapt to and navigate through it are foundational to building a career in the biopharmaceutical industry. My goal for the fellow is to understand how all of the functions of Market Access impact the patient journey to care and for them to actively contribute in improving these processes. The fellow will help develop and execute the value proposition of Alnylam's commercialized therapies for stakeholders including payers, specialty pharmacies & distributors, Healthcare Professionals and others."

Corey Thomas, Preceptor & Director, US Market Access



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](#)



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.

N
O
R
T
H
E
A
S
T
E
R
N

F
E
L
L
O
W
S



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

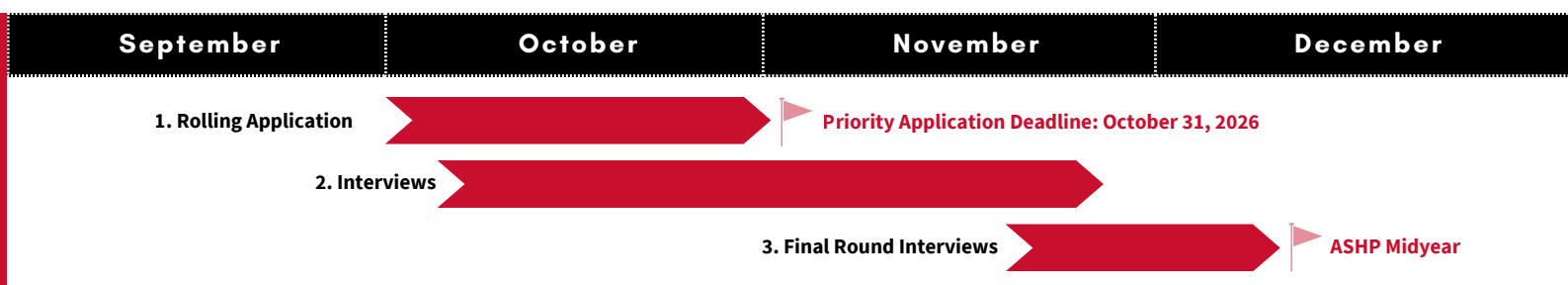


Northeastern University

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.



Step 1: Application	Step 2: Interviews	Step 3: Final Round Interviews & Offers
- Fellowship position postings go live on October 1, 2026. We will cross-post positions on ASHP's PPS website. - Complete the application by October 31, 2026, for priority consideration for first-round interviews.	- Phone screenings and initial interviews will be conducted with eligible candidates starting in early October into November. - After the priority deadline, interviews will be conducted with both the sponsor company and Northeastern University.	- Final round interviews will take place virtually or in person during ASHP Midyear in Orlando, FL. Visit midyear.ashp.org for event details. - Northeastern University, in conjunction with the Alliance of Industry Fellowship Associates (AIFA), has agreed to extend offers for fellowships no earlier than December 11th, 2026.

Applications are reviewed on a rolling basis – apply early!

Application Materials:

- Curriculum Vitae (CV)
- Unofficial PharmD Transcript
- Cover Letter

3 Letters of Recommendation:

- Highly encouraged to submit by **October 31, 2026**
- Official Deadline: **November 23, 2026**
- Recommenders must submit LORs using the [link here](#) or follow the instructions on the job posting
- Letter writers should submit **one letter per candidate** and follow the instructions on the form carefully

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.