

In partnership with
Northeastern University
Pharmaceutical Industry Fellowships

'27
I
'29

Global Scientific Communications

Fellowship Program

Table of Contents

03

Scholar Rock

03 About Scholar Rock

04 Values & Mission

05 Our Science & Pipeline

06

The Scholar Rock Fellowship Program

06 Welcome!

07 PharmD Fellowship Program

08 Learning Objectives

09 Program Overview - Year 1

10 Program Overview - Year 2

11 Other Opportunities

12 Qualifications

13 Meet the Team

14

Northeastern University

14 Program Overview

15 Program Opportunities

16 Partner Companies

17 Fellowship Team

18 Northeastern Fellows

22

Application Information

22 Application Process

About Scholar Rock



Scholar Rock is a biopharmaceutical company on a mission to discover, develop, and deliver therapies for people with serious diseases that have high unmet need. We focus on diseases where the underlying biology is well understood but often not adequately addressed by existing treatment approaches.

As a global leader in the biology of the transforming growth factor beta (TGF- β) superfamily, Scholar Rock is built upon a unique scientific discovery that has enabled a revolutionary approach to selectively target protein growth factors before they are activated in the body. The company is named for the visual resemblance of a scholar rock to protein structures, reflecting its foundation in innovative science.

By harnessing the power of protein growth factors, Scholar Rock has expanded this foundational discovery into a pipeline of investigational therapies aimed at helping people affected by diseases where growth factors play a fundamental role. Over the past decade, the company has built a portfolio with the potential to advance the standard of care in neuromuscular disease, cardiometabolic disorders, cancer, and other conditions where growth factor-targeted therapies can be transformative.

This commitment to unlocking fundamentally different therapeutic approaches is powered by Scholar Rock's proprietary platform, which has enabled the development of novel monoclonal antibodies that modulate protein growth factors with extraordinary selectivity. By targeting these growth factors before activation, our investigational medicines have the potential to overcome limitations of traditional therapies that have lacked the precision needed to effectively address complex diseases. Through cutting-edge science and a patient-focused mission, Scholar Rock is creating new possibilities for patients and redefining what is possible in medicine.



Learn more about our approach at **ScholarRock.com** and follow **@ScholarRock** on LinkedIn.

We are Scholar Rock.

Our Values



Focus on the Patient



Cultivate Curiosity



Accelerate Breakthroughs



Collaborate with Purpose



Uphold High Standards



“My journey into rare diseases began with the SMA community, where I was inspired by the extraordinary strength of patients and families facing this disease every day.

Returning to SMA was a purposeful decision, driven by the ongoing unmet need and the transformative advances emerging through new treatment options. Contributing to work that delivers hope and meaningful impact for patients and their families is both a privilege and a profound source of fulfillment.”



Mouhamed Gueye, PharmD, MBA
Senior Vice President

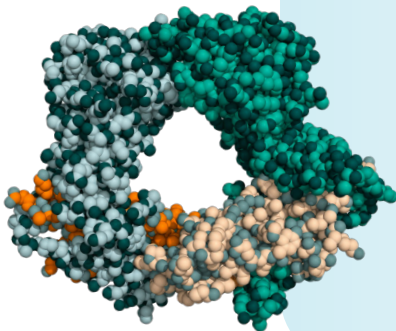
Global Head of Medical Affairs
Executive Sponsor of the Scholar Rock/
Northeastern Fellowship Program
Cambridge, MA

Platform and Pipeline

Scholar Rock Outpaces with Breakthrough Results

Selectivity Drives Success

Our antibodies target the latent form of growth factors and prevent release of the mature growth factor. Given the chemical and structural differences of the prodomain, our approach allows us to generate antibodies with extraordinary selectivity. This enables Scholar Rock to potentially treat diseases with high unmet need while limiting unintended side effects.



Traditional Target: “Mature” Active Growth Factor

Challenging to target because of high homology across super-family

Scholar Rock’s Target: Latent Growth Factor

RIGHT TARGET — Validated Biology

RIGHT TIME — Latent Form

Targeting the ‘cage’ before growth factor is released allows for exquisite selectivity

Growing Pipeline Across High-value Therapeutic Areas

Industry-leading Anti-myostatin Programs

TARGET	INDICATION	PRECLINICAL	PHASE 1	PHASE 2	PHASE 3	COMMERCIAL
Apitegromab (Selective anti-latent myostatin antibody) <i>IV administered</i>	Spinal Muscular Atrophy ≥2 Years					
	Spinal Muscular Atrophy <2 Years					
	Facioscapulohumeral Muscular Dystrophy					
	Neuromuscular Disease Indication #3					
	Neuromuscular Disease Indication #4					
	Neuromuscular Disease Indication #5					
Apitegromab SC administered	Spinal Muscular Atrophy, Additional Neuromuscular Diseases					
SRK-439 (Novel anti-latent myostatin antibody) <i>SC administered</i>	Rare Neuromuscular Diseases					
Undisclosed	Rare Neuromuscular Diseases					
SRK-181 (Selective context-independent, anti-latent TGFβ1)	Cancer (locally advanced or metastatic solid tumors)					
SRK-373 (Selective context-dependent (LTBP1 & LTBP3) anti-latent TGFβ1)	Fibrosis (multiple fibrotic indications)					
SRK-256 (Selective anti-RGMc/HJV)	Iron-restricted Anemia					

Therapeutic Area



Neuromuscular
Targeting Latent Myostatin



Immuno-oncology
Targeting Latent TGFβ1



Fibrotic Disease



Hematology
Targeting RGMc/HJV

This pipeline includes information about investigational products and their uses which have not been approved by the U.S. Food and Drug Administration. This information should not be construed as a recommendation for use of any product for unapproved uses. Information is current as of July 2026.

HJV=hemojuvelin; **IV**=intravenously; **LTBP1/3**=latent-transforming growth factor beta-binding protein 1 and 3; **RGMc**=repulsive guidance molecule c; **SC**=subcutaneously; **TGFβ1**=transforming growth factor beta 1.

Welcome

From Scholar Rock Leadership:

Dear Candidates,

It is with great excitement that we welcome a new professional to help further expand the Scholar Rock Fellowship Program in partnership with Northeastern University. Together, we offer a unique opportunity for fellows to step into high-impact roles at a pivotal moment in our company's journey.

As we prepare to bring a potential first-in-class therapy to individuals living with spinal muscular atrophy (SMA) and continue advancing our growing pipeline, you will be immersed in meaningful and impactful work. From day one, you will contribute to key initiatives that are shared both internally and externally, gaining exposure to the strategic and scientific efforts that drive our organization forward. Through this hands-on experience and the increasing autonomy you will develop throughout the fellowship, you will build a strong foundation as a knowledgeable and well-rounded biopharmaceutical professional.

You will join a fast-paced, mission-driven team and be supported by experienced mentors who are deeply committed to your professional growth and development. This fellowship is thoughtfully designed to provide comprehensive experience and expertise in Global Scientific Communications while allowing flexibility to tailor aspects of the program to your individual interests and career goals. The program has been carefully shaped by former fellows and fellowship directors to create an environment that supports your success throughout the fellowship and beyond.

As a member of a growing program, you will have the opportunity to help shape its future and leave a lasting legacy for those who follow. This role carries tremendous purpose and offers the chance to make a meaningful impact—not only on Scholar Rock, but also on the patients and families we serve.

We look forward to mentoring, collaborating, and learning alongside you as we continue building something truly meaningful together.



Mouhamed Gueye, PharmD, MBA
Senior Vice President

Global Head of Medical Affairs
Executive Sponsor of the Scholar Rock/
Northeastern Fellowship Program
Cambridge, MA



Ilia E. Antonino, PharmD, MBA
Vice President

Global Head of Scientific
Communications and Medical
Excellence
Scholar Rock
Fellowship Program Director
Cambridge, MA

PharmD Fellowship Program

Global Scientific Communications

LOCATION:

Cambridge, MA

ACTIVELY RECRUITING:

1 Fellow

The Scholar Rock Global Scientific Communications Fellowship is a two-year program designed to provide PharmD graduates with comprehensive, hands-on training in Medical Affairs within a dynamic and innovative biopharmaceutical environment.

This fellowship offers a unique opportunity to develop deep expertise in spinal muscular atrophy (SMA), a rare neuromuscular disease, while gaining exposure to Scholar Rock's broader neuromuscular research and development portfolio. Through immersive experiences in key Medical Affairs functions—including medical communications, publications, medical information, and congress planning—the fellow will collaborate with cross-functional teams across the organization and contribute to the strategic dissemination of scientific data to healthcare professionals, researchers, and other stakeholders worldwide.

Throughout the program, fellows will play an active role in communicating emerging scientific evidence, supporting global medical initiatives, and advancing the understanding of therapies that have the potential to improve patient outcomes. The fellowship's phased training model combines foundational learning with progressively increasing responsibility, fostering both scientific expertise and professional leadership skills.

By the end of the program, fellows will have developed a strong understanding of Medical Affairs, gained meaningful experience in global scientific communications, and built the skills necessary to succeed as future leaders in the pharmaceutical and biotechnology industries.



"I was immediately drawn to Scholar Rock because of the opportunity to make a meaningful impact.

The company is at a particularly exciting stage, with milestones such as a potential first product approval, the unique opportunity to serve as the inaugural fellow, and the ability to contribute to improving outcomes for patients and their families.

What ultimately confirmed that Scholar Rock was the right fit for me, however, was the people. The team is exceptionally talented, collaborative, and supportive, creating an environment that fosters both professional growth and meaningful contributions. I am grateful to be part of this organization and look forward to helping welcome the next fellow to the team."



Caitlin Raimo, PharmD

First-Year Global Scientific Communications Fellow



Learning Objectives



Develop deep expertise in the principles and practices of scientific and medical communications.



Understand the strategic role of communications in product lifecycle management.



Gain experience working in a global cross-functional matrix environment.



Enhance project management, critical thinking, and scientific writing skills, while strengthening leadership, team building, and a sense of ownership and accountability.



Build a professional network within the pharmaceutical and biotechnology industry.



Develop a broad understanding of the biotechnology landscape, including drug development processes and organizational dynamics.

Foundational Training and Cross-Functional Immersion

Year 1

The fellow will focus on building a strong foundation in scientific communications by working across key functional areas:

Year 2



Medical Communications

Contribute to the development of scientifically accurate, balanced, and engaging content to support effective communication for healthcare professionals across the therapeutic area.

Assist in the creation of medical education initiatives such as scientific symposia, field medical decks, infographics, and other educational materials designed for external engagement.



Publications Planning and Execution

Gain experience in strategic publication planning by participating in publication team meetings, helping define timelines, and ensuring alignment with broader medical communication objectives.

Collaborate with internal and external authors on the development of manuscripts, abstracts, and posters for submission to peer-reviewed journals and major medical congresses.



Medical Information

Support the development, review, and maintenance of global standard response documents and FAQs collaborating with regional affiliates to ensure alignment.

Participate in medical information call center operations to gain insight into how healthcare professional inquiries are triaged and addressed. Assist in responding to unsolicited requests for information in a compliant and scientifically accurate manner.

Capture and analyze insights from healthcare professional inquiry trends to help inform medical affairs strategy and identify educational needs.



Congress Strategy and Execution

Gain hands-on experience in supporting medical affairs presence at global scientific conferences through the planning and execution of congress activities, including medical booth planning and staffing, scientific communication and engagement activities, and participation in internal pre- and post-congress debriefs.



Cross-functional Collaboration and Innovation

Collaborate cross-functionally with medical affairs, clinical development, regulatory, and commercial teams.

Contribute to continuous process improvements and innovation in scientific communications practices.

Strategic Ownership and Leadership Development

Year 1

Year 2

In the second year, the fellow will take on increased strategic responsibilities,

drive independent projects with full ownership, and continue building leadership and scientific communication skills while contributing to key global initiatives.



Medical Communications

Take ownership of scientific content development including complex slide decks, field medical tools, medical booth immersive content, and other educational materials.

Engage proactively with global and regional teams to ensure aligned and high-quality scientific messaging.



Publications Planning and Execution

Lead components of the global scientific publication plan and contribute to publication strategy discussions.

Play a leading role in synthesizing and communicating clinical data across key communication channels and publications.

Participate in evidence generation analyses to inform publication strategies and address data gaps.



Medical Information

Lead the development of global standard response documents and FAQs.

Lead medical information call center operations.

Translate insights from HCP inquiries into broader medical communication strategy implementation.



Congress Strategy and Execution

Independently manage projects related to congress planning, including booth strategy, booth content development, and onsite HCP engagement.

Drive internal post-congress debriefs and translate insights into action plans to inform broader medical affairs strategies.



Cross-functional Collaboration and Innovation

Identify opportunities for process optimization and implement innovative solutions in medical communications practices.

Provide mentorship to incoming fellows or interns and lead a fellowship legacy project.

Other Potential Opportunities

Fellows also may have the opportunity to tailor their experience

by engaging in optional cross-functional projects or short-term rotations across key departments based on individual interest and organizational need.

These may include areas such as:

-  Field Medical
-  Medical Affairs Operations
-  Global Regulatory Affairs
-  Health Economics and Outcomes Research (HEOR)
-  Evidence Generation
-  Patient Advocacy

Why? Join

This fellowship offers a unique opportunity to contribute meaningfully to the development and communication of scientific data that supports patient care worldwide.

You will join a supportive, mission-driven organization committed to developing the next generation of industry leaders. As a small, agile company, we offer a distinct advantage: the chance to work closely with experienced mentors, gain hands-on exposure across functions, and make a visible impact within lean, highly collaborative teams.



Qualifications



Doctor of Pharmacy (PharmD) degree from an accredited college of pharmacy prior to fellowship start date



Strong scientific foundation and interest in scientific communications and medical affairs



Excellent written and verbal communication skills with proficiency in creating clear, data-driven scientific presentations in PowerPoint



Ability to manage multiple projects in a fast-paced environment



Team-oriented with strong interpersonal skills



Prior internship or experience in medical affairs or scientific communications is desirable (*but not required*)

Meet the Team



Erik DeBoer, PhD

Vice President,
US Medical Affairs Lead

Erik is the Vice President and Head of US Medical Affairs at Scholar Rock, leading medical strategy and the execution of education, data generation, and field engagement in the US market. A neuroscientist by training, he brings more than 25 years of experience across clinical, academic, and industry settings. Erik earned his BS from the University of Michigan, his PhD from Rutgers University, and completed a postdoctoral fellowship at the University of Pennsylvania.



Jen Harwell, PharmD

Senior Director,
Global Medical Communications
and Training

Jen is the Senior Director of Global Medical Communications and Training at Scholar Rock, overseeing the medical communication strategy for apitegromab and Medical Affairs training initiatives. She has more than 25 years of pharmaceutical industry experience with deep expertise in launch planning, digital engagement, and congress execution. Jen earned her PharmD from Rutgers University Ernest Mario School of Pharmacy and has held leadership roles spanning commercial, management, and field functions, giving her a well-rounded perspective that strengthens collaboration across teams and stakeholders.



Palak Agarwal, PharmD, MBA

Associate Director,
Global Medical Strategy and Operations

Palak Agarwal is the Associate Director of Global Medical Strategy and Operations at Scholar Rock, where she helps lead evidence generation initiatives, supports the Expanded Access Program, and streamlines Medical Affairs operations. She brings eight years of pharmaceutical industry experience across medical affairs, operations, and strategy, with prior roles at Idorsia Pharmaceuticals, CSL Behring, Fresenius Medical Care, and Johnson & Johnson.

Palak earned her PharmD and MBA in Pharmaceutical and Healthcare Business from the Philadelphia College of Pharmacy and completed a post-doctoral fellowship in Medical and Regulatory Affairs at Johnson & Johnson.



Melanie Standridge, PharmD

**Global Medical Information
and Content Lead**

Melanie is the Global Medical Information and Content Lead at Scholar Rock, overseeing the Medical Information call center and developing response materials for inquiries from healthcare providers and patients. She also evaluates inquiry trends and provides insights to the broader Medical Affairs team. She brings over 8 years of experience in Medical Information working in both large and small companies. Melanie completed a 2-year Worldwide Medical Affairs fellowship at Biogen with MCPHS University. She earned her PharmD from Jefferson College of Pharmacy and her BA from Cornell University.

Current Fellow:



Caitlin Raimo, PharmD

First-Year Fellow,
Global Scientific Communications

Caitlin is the inaugural fellow in the Scholar Rock Fellowship Program. She earned her PharmD from the University of Connecticut School of Pharmacy and Pharmaceutical Sciences. Prior to joining Scholar Rock, Caitlin gained valuable pharmaceutical industry experience through internships and experiential rotations across several functional areas, including Medical Information, Clinical Development, and Patient Experience and Advocacy. Her diverse background has provided her with a strong foundation in supporting both scientific and patient-centered initiatives within the biopharmaceutical industry.



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.

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

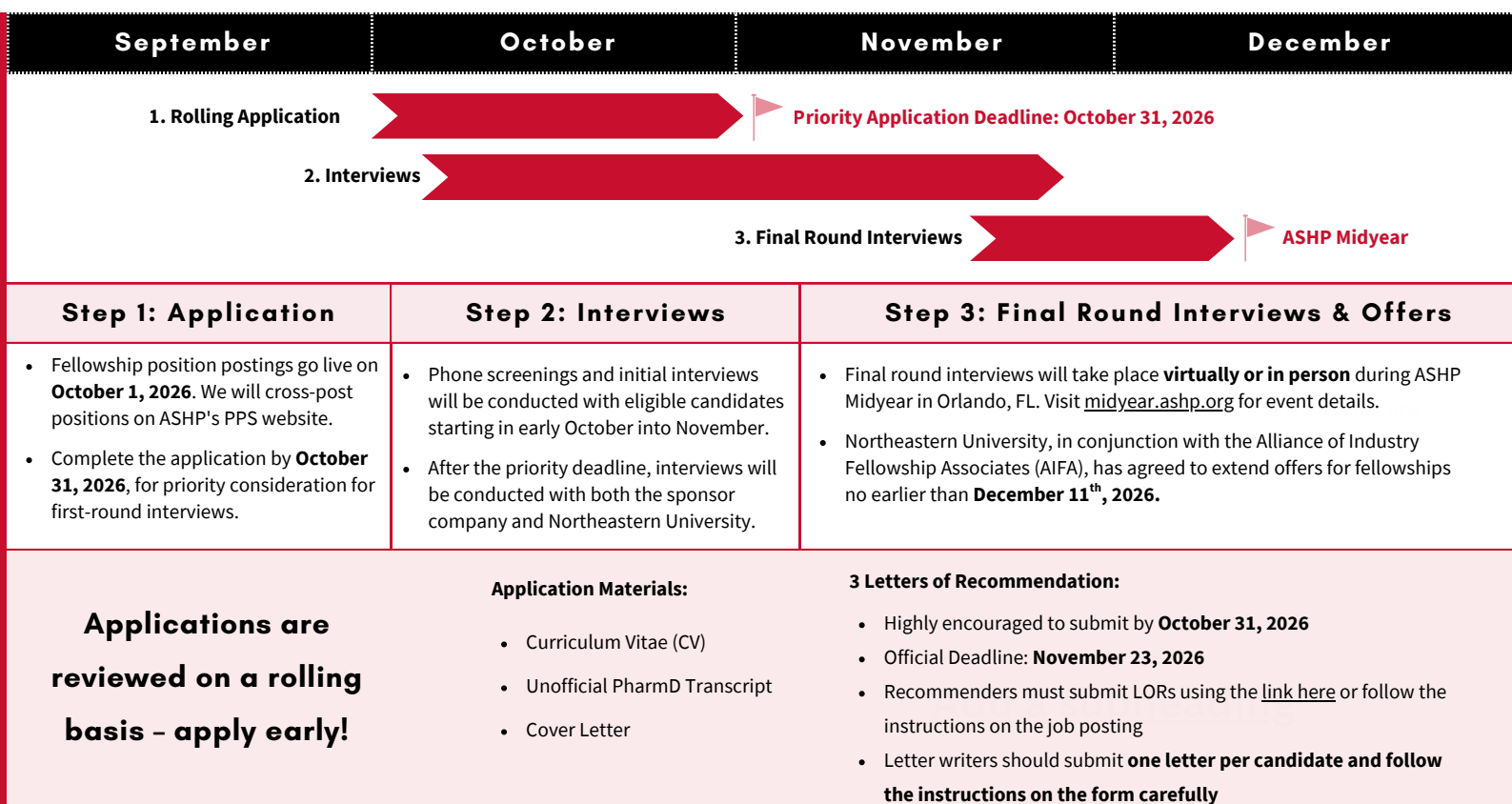


Northeastern University

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.



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.