



Vertex Pharmaceuticals

PharmD Fellowship Program 2025-2027

Message From Leadership

Dear Candidates,

Vertex Pharmaceuticals, in collaboration with Northeastern University, is privileged to host the 2025-2027 cycle of the PharmD Fellowship program. We are excited to work with our fellows as integral members of our team and facilitate in-depth exposure to a range of drug development topics, offering them the critical opportunity to gain extensive experience in the biopharmaceutical industry. In addition, this program will foster each individual's personal and professional growth.

At Vertex, our PharmD fellows take on immersive projects, allowing them to work cross-functionally across departments with leaders in the industry. They engage in unique, impactful work that develops their skills, sparks their curiosity, and drives the science forward. Vertex's open and innovative culture allows the fellows to ask questions, challenge the status quo, and explore their interests across multiple expertise areas.

We have a passion for developing medicines and bringing them to patients in need. We work with great urgency to deliver medicines that have a transformative impact for patients. At Vertex, our #1 asset is our people and so we are very excited to welcome our future fellows. Vertex is an ideal place for fellows to start their professional careers and we are dedicated to the development of the next generation of pharmacist leaders in the biopharmaceutical industry. As Vertex continues to grow and evolve into a company with a focus in multiple disease areas, we are confident that our fellows will solve challenging problems with innovative solutions.



Carmen Bozic, MD
Executive Vice President,
Chief Medical Officer



Nia Tatsis, PhD
Executive Vice President,
Chief Regulatory and Quality Officer

Letter From Co-Leads

Dear Candidates,

At Vertex, the science of possibility is yours to explore. Now in its 7th year of recruitment, the Vertex PharmD Fellowship program is driven by our commitment to delivering a differentiated, immersive, and multi-disciplinary experience to help you discover and build your personal career path.

The program is curated by the Vertex PharmD Fellowship Steering Committee, which is focused on developing and growing the program and fostering a close partnership with Northeastern University to ensure a meaningful developmental experience for our fellows.

We believe new ideas, fresh perspectives, and continuous learning help drive our organization and our people forward. Partnering closely with our fellows and Leadership Teams across Vertex, our goal is to provide each PharmD fellow an overall consistent approach at Vertex but also customized to allow each fellow to obtain their desired learning and experiences to achieve their fellowship and career goals.

Each day at Vertex is different and a unique opportunity to pursue possibilities, collaborate, and grow your personal and professional skills. We look forward to you joining our passionate team who are motivated each day to come together to advance science and transform lives.



Kristy Grimm, PharmD
Medical Operations,
Vice President



Brenda Cirincione, PhD
Clinical & Quantitative Pharmacology,
Vice President



James Witty, PhD
Regulatory Strategy,
Executive Director



Jon Coughlin, MBA
Marketing,
Senior Director

Letter From Recruitment Committee

Dear Candidates,

Thank you for your interest in the Vertex PharmD Fellowship program! The PharmD Fellowship is a highly rewarding post-doctoral experience that provides fellows with abundant opportunities to make real-world contributions to serious disease areas with unmet patient needs. Since its inception, our program continues to grow and now spans six functional areas - Medical Affairs, Regulatory Affairs, Clinical Science, Clinical & Qualitative Pharmacology, Global Patient Safety, and Commercial. As recruitment co-leads, we look forward to engaging potential candidates and are excited to welcome a new class of future industry leaders to the Vertex family!



— Matt, Shannon, Jeneva, Courtney

Please email PharmDFellowship@vrtx.com with any questions

Company Overview

Vertex is a global biotechnology company that invests in scientific innovation to create transformative medicines for people with serious diseases. The company has approved medicines that treat the underlying causes of multiple chronic, life-shortening genetic diseases — cystic fibrosis, sickle cell disease and transfusion-dependent beta thalassemia — and continues to advance clinical and research programs in these diseases.

Vertex also has a robust clinical pipeline of investigational therapies across a range of modalities in other serious diseases where it has deep insight into causal human biology, including acute and neuropathic pain, APOL1-mediated kidney disease, IgA nephropathy, autosomal dominant polycystic kidney disease, type 1 diabetes, myotonic dystrophy type 1 and alpha-1 antitrypsin deficiency.

Quick Facts



Founded in 1989



Reshma Kewalramani, MD,
CEO and President



Headquarters in Boston, MA
and London, UK



~ 4,700 employees in the US,
~5,800 worldwide



>70% of operating
expenses dedicated to R&D

Our Values



Awards



Click to Learn More About Vertex



Developing Our Diverse Research Pipeline



Cystic Fibrosis (CF)

What is it? A rare genetic disease that is chronic, progressive and affects multiple organs, primarily the lungs and pancreas
Our Approach: Small molecules, mRNA and genetic therapies



Pain

What is it? A potentially debilitating condition that develops from a variety of circumstances; it can be acute or chronic and ranges in severity
Our Approach: Small molecules



Sickle Cell Disease (SCD)

What is it? An inherited blood disease that affects red blood cells, causing severe pain crises and organ damage
Our Approach: Small molecules and gene editing



Beta Thalassemia

What is it? An inherited blood disease that affects red blood cells, causing severe anemia and requiring frequent blood transfusions
Our Approach: Small molecules and gene editing



Alpha-1 Antitrypsin Deficiency (AATD)

What is it? An inherited disease that can cause progressive damage to the lungs and liver
Our Approach: Small molecules



APOL1-Mediated Kidney Disease (AMKD)

What is it? A kidney disorder associated with certain APOL1 genetic mutations. The disease can lead to kidney cell injury, cell death and damage to the glomeruli (which filter blood in the kidney)
Our Approach: Small molecules



Autosomal Dominant Polycystic Kidney Disease (ADPKD)

What is it? An inherited kidney disease characterized by the growth of numerous kidney-enlarging cysts that impair kidney function.
Our Approach: Small molecules



IgA Nephropathy (IgAN)

What is it? A serious, progressive, life-threatening chronic kidney disease that causes inflammation and damage to the kidneys.
Our Approach: Dual B Cell Cytokine Antagonist



Duchenne Muscular Dystrophy (DMD)

What is it? An inherited disease primarily seen in boys that causes progressive muscle weakness and wasting
Our Approach: Gene editing



Myotonic Dystrophy Type 1 (DM1)

What is it? An inherited disease that presents with a spectrum of disease severity. The disease affects skeletal muscle, the heart, lungs and several other body systems.
Our Approach: Oligonucleotide



Type 1 Diabetes (T1D)

What is it? A metabolic, autoimmune disorder caused by the destruction of cells in the pancreas leading to an insulin deficiency
Our Approach: Cell-based treatment

Medical Affairs

Actively Recruiting: 2 Fellows

In Medical Affairs, our team works to ensure that clinical decision-makers have a deep understanding of the benefits and risks of our medicines through scientific communication and disease state education. We gather insights from stakeholders, identify data and knowledge gaps, and respond to medical inquiries in a clear and scientifically accurate manner to guide healthcare providers and payers decision-making.

Fellowship Objectives

- Develop in-depth knowledge of the disease pathophysiology, epidemiology, and treatment landscape to support scientific exchange within the medical community
- Develop scientific communication materials for internal education and field medical
- Support the development and execution of the strategic medical and publication plans
- Collaborate with US and Global cross-functional stakeholders to prepare materials for key scientific conferences and support on-site medical activities
- Utilize clinical expertise to develop timely, accurate, and scientifically balanced responses to unsolicited medical information inquiries
- Network across the Medical Affairs organization to gain a thorough understanding of industry opportunities and expand upon experiences through additional projects of interest



Global and US
Medical Affairs

+



Global Medical
Information

+



Elective
Rotation

Available Elective Rotations
Field Medical
Medical Operations
Other*

*Fellows have flexibility based on their professional goals, interests, and business need to pursue other elective rotations not listed



Meet the Team

Current Fellows



Kayla Freaney
PharmD
2nd Year Fellow
Florida A&M
University



Matt Kearns
PharmD
2nd Year Fellow
University of
Rhode Island



Shannon Park
PharmD
2nd Year Fellow
Northeastern
University



Danielle Mauro
PharmD
1st Year Fellow
MCPHS University



Sarah Casella
PharmD
1st Year Fellow
University of
Connecticut

Fellowship Preceptors



Katya Efimova
PharmD
Global Medical,
Associate Director



Kevin Clarke
PharmD
Global Medical,
Director



Paulina Phan
PharmD
Global Medical,
Senior Manager



Chris Maminakis
PharmD
US Medical Affairs,
Associate Director

Leadership Sponsor



Kristy Grimm
PharmD
Medical Operations,
Vice President

Fellowship Preceptors



Curtis Riggs
PharmD
Global Medical
Information,
Director



Deminder Shah
PharmD
Global Medical
Information,
Senior Manager



Monica Chavan
PharmD
Global Medical
Information,
Senior Manager



Mustafa Janoudi
PharmD
Global Medical
Information,
Senior Manager

Global Regulatory Affairs

Actively Recruiting: 2 Fellows

Vertex is offering a 2-year PharmD Fellowship in Global Regulatory Affairs (GRA) at the corporate headquarters in Boston, Massachusetts. The PharmD fellow(s) will have an opportunity to gain specialized and in-depth training in two distinct areas of GRA, Regulatory Strategy and Global Labeling, for a period of 8 months each. The remaining 8 months of the program will be spent in a regulatory elective. Regulatory elective opportunities are offered in areas including CMC, Advertising and Promotion, International, Policy, and Strategic Operations. Specific opportunities may vary depending on the interests of the PharmD fellow(s) as well as the needs of the department.

Overall, the structured program will provide a cumulative set of skills that will help facilitate a smooth transition to a successful career after the fellowship.

Structured 2-year program designed to gain specialized in-depth training in distinct areas* of GRA



Global Labeling
8 months



Regulatory Strategy
8 months



Regulatory Elective
8 months

*Sequence of rotations may vary.



Fellowship Objectives

Global Labeling

- Provide strategic guidance on labeling regulations, competitor labeling, and labeling trends
- Lead team in negotiating and maintaining competitive labeling with health authorities globally

Regulatory Strategy

- Manage, develop, and implement regulatory strategy in support of Vertex products and development programs
- Provide strategic input and tactical support to expedite the development, submission, and regulatory approval of new drug or biologic products



Meet the Team

Current Fellows



Jeneva Ahearn
PharmD
2nd Year Fellow
University of Rhode Island



Eunice Lee
PharmD
1st Year Fellow
Northeastern University



Michael McShan
PharmD
1st Year Fellow
University of Illinois at Chicago



Naafiah Raidah
PharmD, MBA
1st Year Fellow
St. Louis College of Pharmacy

Fellowship Group Leaders



Helen Weinberg
PharmD
Regulatory Strategy,
Manager



Sherry Chang
PharmD, RPh, MS
Regulatory
Submission
Management,
Manager



James Witty
PhD
Regulatory Strategy,
Executive Director



Ian Hawkins
MBA
Global Regulatory
Strategy,
Vice President



Samantha Axon
Advertising
& Promotion,
Executive Director

Leadership Sponsors

Clinical and Quantitative Pharmacology

Actively Recruiting: 2 Fellows

Clinical and Quantitative Pharmacology (CQP) comprises of both Clinical Pharmacology (CP) and Modeling & Simulations (M&S). CP provides pharmacokinetic (PK) and pharmacodynamic (PD) expertise, and M&S provides model-driven PK and PK/PD quantitative pharmacology expertise. Both roles are crucial at all stages of drug development.

Vertex provides an opportunity for fellows to tailor their experience to focus on Clinical Pharmacology or Modeling & Simulations. The CP fellow will learn various aspects of a clinical pharmacologist's role, ranging from operational support to rigorous scientific analyses and drug development strategy. The M&S fellow will learn various aspects of a modeler's role in the drug development process while focusing on specified deliverables for a specific program. If the CP or M&S fellow is interested in obtaining experience in the other field, additional opportunities can be provided upon request and availability.

Fellowship Objectives

For all CQP Fellows:

- Train on software utilized in CQP (e.g., NONMEM, R, or Phoenix WinNonlin)
- Participate in relevant project strategy planning and development
- Analyze and interpret clinical trial results

Opportunities for professional development:

- Professional conferences (ASCPT, ACoP, ACCP)
- University of Buffalo pharmacometrics workshops
- Certara University courses

Opportunity for rotations in other functional areas are available upon request



Clinical Pharmacology focused fellow:

- Design and lead clinical pharmacology studies (first-in-human, bioavailability, drug-drug interaction, immunogenicity, etc.)
- Conduct PK (noncompartmental) analyses
- Serve as clinical pharmacology lead and provide clinical trial operations support
- Author clinical pharmacology sections of clinical study reports
- Provide clinical pharmacology support to regulatory documents

Modeling and Simulations focused fellow:

- Implement Model Informed Drug Development (MIDD) using quantitative approaches (e.g., population PK, PK/PD, optimal sample design) to address critical questions during drug development
- Contribute to M&S plans and/or translational medicine/clinical development plans
- Conduct M&S activities to aid in the design and conduct of clinical trials (e.g., dose selection, sample collection)
- Author M&S reports and/or regulatory documents, in support of regulatory submissions

Meet the Team

Current Fellows



Eugeniu Carmanov
PharmD
2nd Year Fellow
University of Southern
California



Nicholas Patino
PharmD
2nd Year Fellow
University of Illinois
at Chicago



Olivia Laprade
PharmD
1st Year Fellow
University of the Pacific



Ryan Ha
PharmD
1st Year Fellow
University of
California San Diego

Fellowship Preceptors



Sophie Gravel
PhD
Clinical & Quantitative
Pharmacology,
Senior Clinical
Pharmacologist



Brian Reilly
PharmD, PhD
Clinical & Quantitative
Pharmacology,
Modeling & Simulations
Senior Scientist

Leadership Sponsors



Brenda Cirincione
PhD
Clinical & Quantitative
Pharmacology,
Vice President



Fanuel Hagos
PhD
Clinical & Quantitative
Pharmacology,
Associate Director



Brian Hare
PhD
Clinical & Quantitative
Pharmacology,
Senior Director



Philip Delff
PhD, MS
Clinical & Quantitative
Pharmacology,
Director

Clinical Scientist

Actively Recruiting: 1 Fellow

The Clinical Scientist fellow will act as a key clinical interface with the Medical Lead to provide scientific, clinical, and operational input contributing to the clinical development programs at Vertex, working on cross-functional study teams for the design, execution, and monitoring of clinical trials, as well as assisting with data interpretation and communication. This role will also serve as a point of contact for external collaborations with clinical investigators and thought leaders. The Clinical Scientist fellow will learn various aspects of the drug development process, while focusing on specified deliverables for a specific program. Activities will include program team involvements and presentation skills development. In addition, the fellow will have the opportunity to interact with, and learn from, other groups at Vertex with an aim of providing a broader understanding of Clinical Research.



Fellowship Objectives

- Work with cross-functional teams as the clinical representative and liaison to the therapeutic area to conduct clinical studies, including study start-up, safety and medical monitoring, and study close-out activities
- Support Medical Lead with medical monitoring reports, safety reviews, site interactions, and reviewing tables, figures, and listings (TFLs). Responsible for analytical support of clinical trial data (safety and efficacy), including gathering, analyzing, reviewing, interpreting, and providing preliminary assessments and recommendations to the Medical Lead. Analyze and synthesize information to assess issues relating to protocol conduct and/or individual subject safety. Assist in communicating a clear overview of trial results
- Provide support for Data Monitoring Committees including operationalizing the charter, preparing updates and blinded data reviews, execution of meetings and adjudications, and communication of synthesized data reports
- Contribute to protocols, clinical study reports, Investigator's Brochures (IBs), informed consent forms (ICFs), manuals, training documents, and other clinical documents under the direction of the Medical Lead
- Lead interactions with internal and external stakeholders (study sites, vendors, committees, etc.) in support of clinical trial objectives
- Contribute to the organization, preparation, and execution of investigator and advisory board meetings in collaboration with the project team and external vendors
- Present and support preparation of scientific material for conference presentations or publications
- Learn about other functions within Global Medicines Development & Affairs (GMDA) through ongoing interactions and optional rotational experiences

Meet the Team

Current Fellow



Julieta Rossi Fortunati
PharmD
1st Year Fellow
Northeastern University

Fellowship Preceptor



Robert Reyes
Clinical Science and
Site Advocacy,
Executive Director

Leadership Sponsor



Jacqueline Curtiss
RN, BSN
Global Clinical Operations,
Vice President

North America Commercial

Actively Recruiting: 1 Fellow

The North America Commercial (“NAC”) department is responsible for the execution of the commercial strategy across North America. This includes leading patient access and reimbursement for current and future therapies, establishing the product strategy for new products and marketed brands, and ongoing support for both patients and caregivers.

The fellow will engage in a 2 year role on the commercial team to better understand the role of commercial in a pharmaceutical organization. The fellow will be assigned to a specific team within the NAC department with the opportunity to rotate across teams during their second year.

Meet the Team

Leadership Sponsor



Duncan McKechnie
North America Commercial,
Global Value & Access
Strategy, and HEOR,
Senior Vice President



Fellowship Objectives

US Marketing - Recruiting 1 Fellow

The US Marketing position will be in support of US commercial and brand strategy development and tactical implementation and execution. This fellowship offers an opportunity to learn how drugs are commercialized and what the requirements are to succeed in a commercial corporate business.

This individual will develop an understanding of core marketing principles, commercial operations, and business processes. They will work cross-functionally both internally and within the field to develop a deep understanding of the patient treatment journey and key customer insights. They will learn and support ongoing marketing projects and lead new initiatives.

- Gain understanding of the focus of the Marketing team and its role within the broader organization
- Support the team in executing the strategy for the US Brands including collaboration with the team on creating promotional materials for the Sales team
- Lead strategic and/or tactical projects that are ‘on strategy’ and help realize the goal of patients benefiting from Vertex medicines and to meet business objectives
- Collaborate cross-functionally to build relationships with stakeholders and develop a deep understanding of the patient treatment journey and key customer insights
- Support market research and insights to identify trends

Meet the Team

Current Fellow



Kailey Davies
PharmD
1st Year Fellow
University of Pittsburgh

Fellowship Preceptor



Jon Coughlin
MBA
Marketing,
Senior Director



North America Commercial

US Market Access (USMA) - Not Actively Recruiting

The US Market Access position provides an opportunity to learn multiple disease areas and products across Vertex's commercial and pipeline medicines. This fellowship will help prepare for launches and post-approval pull-through by partnering with the multi-functional USMA team including access strategy, trade and distribution, pricing and contracting and 3 field teams, as well as critical cross-functional partners including US Public Affairs, HEOR, Commercial Manufacturing and Supply Chain, and Brand Marketing teams.

- Learn the responsibilities of the US Market Access team, including how it interacts with both internal and external stakeholders
- Lead strategic/tactical projects to support the rapid scaling of the team and launch readiness across potential disease areas such as cystic fibrosis, acute pain, type 1 diabetes and APOL1-mediated kidney disease
- Support go-to market access and distribution strategy with payers, specialty pharmacies, distributors and wholesalers across the US and Canada
- Identify and explore innovative partnership and market disruptors that may speed compliant access and distribution practices
- Gain understanding of the highly regulated environment and compliance with federal and state regulations

Meet the Team

Current Fellow



Samin Malek Marzban
PharmD
1stYear Fellow
University of Southern California

Fellowship Preceptor



Rich Trezza
MHA
Access Strategy,
Executive Director



Guidance & Patient Support (GPS) - Not Actively Recruiting

The GPS position supports GPS' access, engagement, and adherence goals for the patients on one of Vertex's CF medicines.

The GPS fellowship position offers an opportunity to learn how the GPS team supports patients who are prescribed our medicines to ensure they can access their therapy, have appropriate educational support and resources, and stay on track with their Vertex treatment plan.

- Gain understanding of the focus of the GPS team, its core principles, operations and business processes, and its role within the broader Vertex commercial organization
- Collaborate with Patient Support Team (PST) to help patients stay on track with their prescribed Vertex treatment and ensure each patient fully benefits from our support
- Collaborate with PST to elevate and deepen Healthcare Provider (HCP) relationships to enhance partnerships
- Collaborate with GPS Operations Team to drive and improve simplicity and efficiency within program operations (Specialty Pharmacy, Quality and Compliance, Access and Reimbursement, and Systems) to best support the PST and patients
- Collaborate with GPS Patient Experience Team (PXT) in driving patient-centric communications that deliver adherence and access support and promote long-term patient engagement; as well as driving patient-focused analyses

Meet the Team

Current Fellow



Loren Sampson
PharmD, MBA
1st Year Fellow
MCPHS University

Fellowship Preceptor



Arthur (Russ) Smith
MBA
Patient Services,
Vice President



Global Patient Safety

Not Actively Recruiting

The Global Patient Safety (GPS) department provides pharmacovigilance expertise and risk management at all stages of drug development. As a member of the GPS Aggregate Reports and Risk Management Group, the PharmD fellow works collaboratively and cross-functionally as a pharmacovigilance scientist to establish, surveil, and manage the safety profiles of investigational and approved medications. The PharmD fellow also acquires a broader understanding of the role of GPS within Vertex through projects with GPS Individual Case Safety Reports and GPS Epidemiology.

Fellowship Objectives

Aggregate Reports and Risk Management Primary Objectives

- Gain an understanding of pharmacovigilance and how it is operationalized as aggregate safety reporting and risk-management activities
- Utilize clinical expertise to conduct ad hoc research into safety topics
- Prepare aggregate safety reports (PBRER, PADER) and development risk-management plans
- Contribute to regulatory submissions (e.g., BLA, NDA, MAA, supplemental applications)
- Support Disease Area Safety Teams to forward the clinical development of products in Phase 1 and Phase 2
- Review international regulations to ensure compliance



Individual Case Safety Report Primary Objectives

- Learn how safety information is collected in clinical studies, literature, and from post-marketing sources
- Understand the safety information flow, standardization, and how their collection in the Global Safety Database impacts on aggregate reporting and risk management

Epidemiology Primary Objectives

- Understand the role of GPS Epidemiology in the clinical development of a product
- Support post-authorization safety study reports

Meet the Team

Current Fellow



Danielle Chen
PharmD, RPh
2nd Year Fellow
Ohio State University

Fellowship Preceptor



Gurvaneet Sahota
MPH
Global Patient Safety,
Associate Director

Leadership Sponsor



Simon Tian
MD
Global Patient Safety,
Vice President



Vertex Fellowship Alumni

| | Name | Current Role | Company |
|-----------|----------------------------------|--|------------------------|
| 2019-2021 | Paulina Phan, PharmD | Senior Manager, Global Medical | Vertex Pharmaceuticals |
| | Haris Akbar, PharmD | Senior Manager, Medical Communications | Dompé |
| 2020-2022 | Cindy Wu, PharmD | Senior Manager, Medical Congress Planning | Vertex Pharmaceuticals |
| | Helen Weinberg, PharmD | Manager, Regulatory Strategy | Vertex Pharmaceuticals |
| | Adam Hussain, PharmD, MS | Senior Manager, Global Regulatory Affairs Advertising and Promotion | Moderna Tx |
| | Aaron Park, PharmD, MS | Associate Director, Clinical Pharmacology | Acelyrin, Inc. |
| 2021-2023 | Ciara Silverman, PharmD | Manager, Global Medical | Vertex Pharmaceuticals |
| | Danielle Hudson, PharmD, RPh | Medical Communications Lead | Sanofi |
| | Marvis Makori, PharmD, RPh | Manager, Regulatory Labeling | Vertex Pharmaceuticals |
| | Talar Moumedjian, PharmD | Senior Manager, Regulatory Strategy | Vertex Pharmaceuticals |
| | Elana Post, PharmD | Senior Clinical Pharmacologist | Vertex Pharmaceuticals |
| | Emily McDougall, PharmD, MS | Senior Clinical Pharmacologist | Vertex Pharmaceuticals |
| 2022-2024 | Mehak Sharma, PharmD | Manager, Medical Information | Vertex Pharmaceuticals |
| | Anne Perez, PharmD | Medical Science Liaison | Sanofi |
| | Belema Somiari, PharmD | Manager, Regulatory Labeling | Vertex Pharmaceuticals |
| | Dami Paul, PharmD, MS | Clinical Pharmacologist II | Vertex Pharmaceuticals |
| | Mansi Modi, PharmD | Clinical Scientist I | Vertex Pharmaceuticals |
| | Thy Ton-Morrison, PharmD | Manager, Global Patient Safety Aggregate Reports and Risk Management | Vertex Pharmaceuticals |
| | Zara Petzoldt, PharmD | Publications Senior Specialist | Vertex Pharmaceuticals |
| 2023-2025 | Courtney Fu, PharmD, RPh | Clinical Pharmacologist II | Vertex Pharmaceuticals |
| | Katarena Nalbandian, PharmD, RPh | Clinical Scientist I | Vertex Pharmaceuticals |

Alumni Testimonials



Paulina Phan, PharmD
Senior Manager, Global Medical

The breadth of experience, opportunities for leadership, integration into Vertex, and abundant mentorship during the fellowship accelerates our fellows' career development and sets them up to become leaders in the pharmaceutical industry.



Cindy Wu, PharmD
Senior Manager, Medical Congress Planning

The Vertex PharmD Fellowship was incredibly valuable to participate and lead projects in various departments, within and outside Medical Affairs. I met amazing mentors along the way, many of whom I still keep in touch with. The fellowship gave me a strong foundation and skills to take the next step in a career in the biotech industry.



Elana Post, PharmD
Senior Clinical Pharmacologist

This fellowship is a great opportunity for a PharmD interested in Clinical and Quantitative Pharmacology. You will gain the experience, skills, and mentorship to propel your career in this field. A unique advantage of this program is the ability to gain experience in both Clinical Pharmacology and Modeling Simulations, while having the freedom to tailor your experience to your personal goals and interests. Vertex's fast-paced and innovative environment provides ample opportunities to work on a wide variety of projects, as well as fosters learning in the full drug development process.



Marvis Makori, PharmD, RPh
Manager, Regulatory Labeling

What's unique about the Global Regulatory Affairs fellowship program at Vertex is that you are able to explore different areas within Regulatory Affairs giving you the opportunity to have a broad understanding of regulatory, collaborate with different cross functional teams and network across the company. The fellowship is curated with the goal of making you prepared to take on a Regulatory Affairs role at the end of the fellowship program.



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 is 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

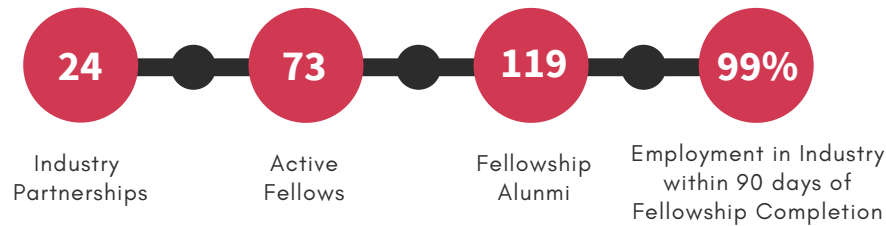
Engage with faculty who participate in various interdisciplinary graduate programs including biotechnology, nanomedicine, immunology, health informatics, and drug discovery

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.



OUR TEAM



Andrew Orr-Skirvin
Faculty Director



Sherisse Mayala-Nelson
Program Manager



Sophia Sawtelle
Senior Program Coordinator



Karen Stanley
Bouvé Director of Finance
and Administration



Julia Van
Director of Corporate
and Foundation Relations



Milini Rambukwella
Human Resources
Associate



Dayna D'Angelo
Budget Coordinator



Jenny Van Amburgh
Clinical Professor
Fellowship Faculty Manager



Debra Copeland
Clinical Professor
Fellowship Faculty Manager



Joseph Elijah
Clinical Professor
Fellowship Faculty Manager



Michael Gonyeau
Clinical Professor
Fellowship Faculty Manager




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

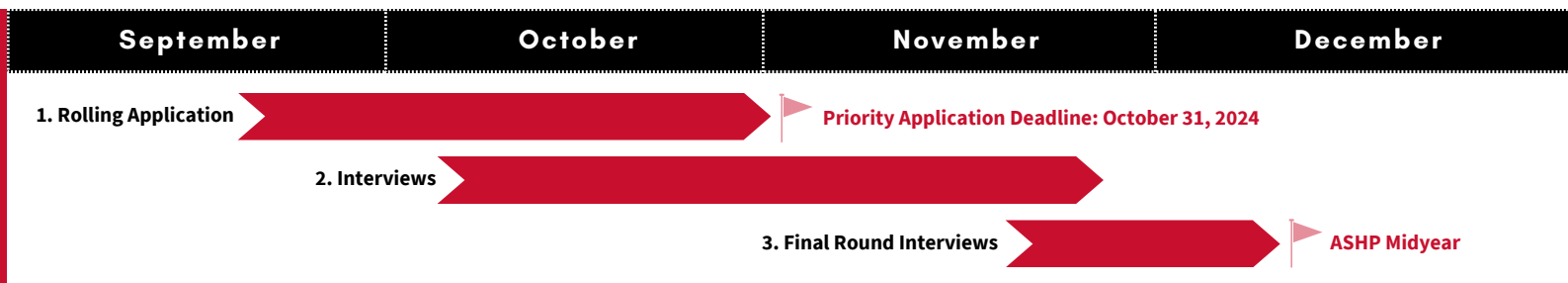




Northeastern University Pharmaceutical Industry Fellowships

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, 2025. Candidates must apply through [Northeastern's career portal](#) and are encouraged to do so by the priority application deadline of October 31, 2024.



| Step 1: Application | Step 2: Interviews | Step 3: Final Round Interviews & Offers |
|---|---|---|
| <ul style="list-style-type: none"> Fellowship position postings go live on September 16, 2024. We will cross-post positions on ASHP's PPS website. Complete the application by October 31, 2024, for priority consideration for first-round interviews. | <ul style="list-style-type: none"> 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. | <ul style="list-style-type: none"> Final round interviews will take place virtually or in person during ASHP Midyear in New Orleans, LA. 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 16, 2024. |

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, 2024**
- Official Deadline: **November 22, 2024**
- Email: PharmDFellowships@northeastern.edu
- Letter writers should submit one letter per candidate and indicate the companies of interest in the subject or body of the email

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