



**MCPHS**  
UNIVERSITY



# Biopharmaceutical Industry PharmD Fellowships

*Unique Fellowships, Endless Opportunities*



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## A Message from Al Sandrock Jr. Executive Vice President, Research and Development

Dear Prospective Biogen Fellow,

Thank you for your interest in the Biogen Post-PharmD Fellowship Programs. Even during these tumultuous times, the growing biopharmaceutical industry provides tremendous opportunity for pharmacists looking for an alternative and diverse career. Since the start of this fellowship in 2007, Biogen, in collaboration with MCPHS University, has trained and promoted the role of the Doctor of Pharmacy within the company, academia, and the industry as a whole. Fellows completing this program grow professionally, in terms of skills and expertise, and have substantially impacted programs integral to the success of Biogen.

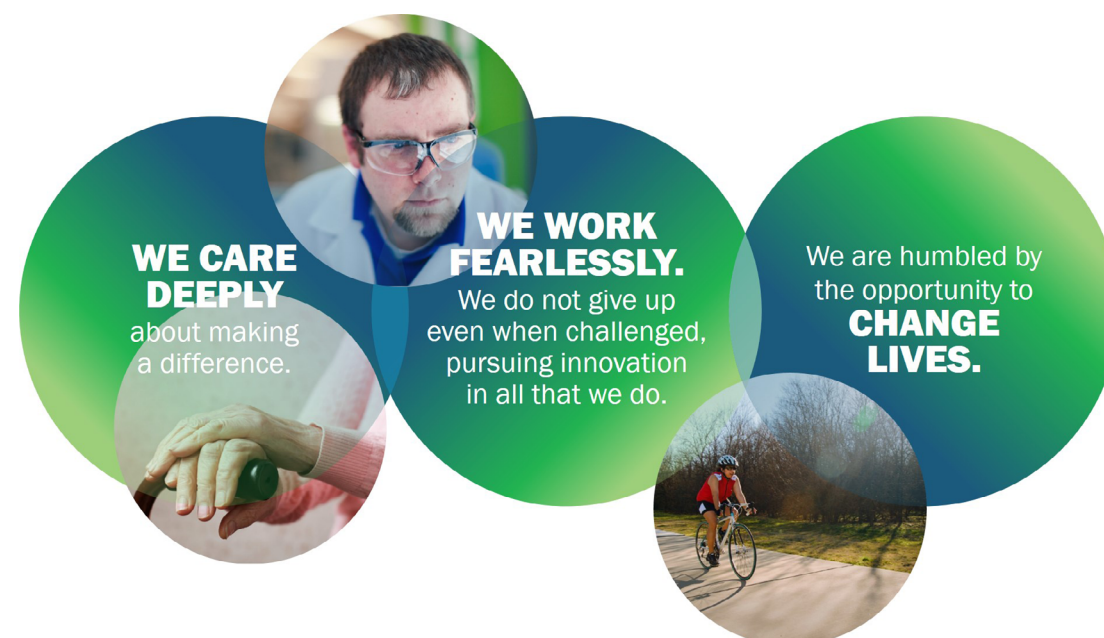
Since our founding in 1978 as one of the world's first global biotechnology companies, Biogen has led innovative scientific research with the goal over the last decade to defeat devastating neurological diseases. Our culture of innovation, inclusiveness, and empowerment creates an atmosphere of learning and cultivates new opportunities for our employees and fellows. Our passion and focus goes beyond improving the lives of patients and extends to supporting the local community, nurturing science education for students of every age, and maximizing our environmental sustainability. We are at an exciting time at Biogen and are committed to pursuing science that truly matters. Be safe, stay healthy and best of luck as you explore the different opportunities available to you, and I strongly encourage you to consider the Biogen Fellowship.



Sincerely,

Al Sandrock Jr., MD, PhD

Executive Vice President Research and Development







### About Biogen

At Biogen, our mission is clear: we are pioneers in neuroscience. Biogen discovers, develops and delivers worldwide innovative therapies for people living with serious neurological and neurodegenerative diseases as well as related therapeutic adjacencies. One of the world’s first global biotechnology companies, Biogen was founded in 1978 by Charles Weissmann, Heinz Schaller, Kenneth Murray and Nobel Prize winners Walter Gilbert and Phillip Sharp. Today Biogen has the leading portfolio of medicines to treat multiple sclerosis, has introduced the first approved treatment for spinal muscular atrophy, commercializes biosimilars of advanced biologics and is focused on advancing research programs in multiple sclerosis and neuroimmunology, Alzheimer’s disease and dementia, neuromuscular disorders, movement disorders, ophthalmology, immunology, neurocognitive disorders, acute neurology and pain.

where  
**science**meets**humanity**™

### About the Fellowships

Biogen, in collaboration with MCPHS University, offers six unique fellowship programs to promote the role of the Doctor of Pharmacy (PharmD) within the biopharmaceutical industry:

- Global Safety
- Regulatory Sciences
- Regulatory Sciences-Advertising and Promotion
- Regulatory Sciences-Global Medical Writing
- Worldwide Medical
- US Medical
- Therapeutics Development

Fellows will gain extensive experience through a variety of practical activities in both industry and academic settings, which will enhance the potential for accelerated career development.





# Global Safety Fellowship

2-YEAR PROGRAM

## GLOBAL CASE MANAGEMENT

10 months

4 months

## ELECTIVE

## SAFETY SURVEILLANCE AND AGGREGATE REPORTING

10 months

### About Global Safety

Biogen is responsible for the continuous assessment of the benefit-risk relationship of all its products—starting in the early stages of development and continuing through the post-market phase. Members of the Global Safety department are constantly working to gain a better understanding of the safety profile of marketed products and those in development in order to provide the medical community and patients with the data necessary to make an informed decision regarding disease management.

This 2-year Global Safety Fellowship is designed to provide an in-depth and hands-on experience. Starting from individual case safety reports (ICSR) through aggregate reporting the fellow will learn about the pharmacovigilance life cycle. Through this program, the fellow will rotate through and gain exposure to the following two general areas:

**Global Case Management:** During this rotation, the fellow will become knowledgeable about the adverse event reporting process including data collection, initial review and triage, adverse event report assessment, and reporting and submissions of ICSRs. The fellow will also enhance his or her understanding of clinical trial safety, ICSR reporting requirements, global pharmacovigilance regulations and guidelines, safety data exchange agreements, and vendor oversight.

**Safety Surveillance and Aggregate Reporting:** During this rotation, the fellow will engage in safety surveillance activities, prepare and review signal evaluation reports, safety aggregate reports, risk management plans and be involved in other safety related documents utilizing the training and skills gained through previous rotations.

### Fellowship Contact Information

GlobalSafetyFellowship@biogen.com

### Elective Options

The fellow will have the opportunity to spend up to 4 months in another department within Biogen.

Departments may include, but are not limited to:

- Regulatory Sciences
- Global Medical Writing
- Clinical Drug Supply Chain
- Global Clinical Operations
- Global Commercial Strategy
- Health Economics and Outcomes Research



### Program Director

*“The Global Safety Fellowship provides the opportunity for Fellows to learn and contribute to the pharmacovigilance lifecycle through exposure and practical experience across the various Safety sub-functions. They become integral members of our teams.”*

**Sharon Chan, PharmD, RPh**

Associate Director, Global Safety and Regulatory Sciences



### Second-Year Fellow

*“Biogen’s fellowship program provides unique opportunities to develop and refine skills that will follow you throughout your career. I am incredibly thankful for the mentors that I have had the privilege to work with. I have learned so much about what it takes to have a career in the pharmaceutical industry and what opportunities are available to me. As a fellow you are able to embrace the transition from school to the workforce with the support and knowledge of the industry’s leaders. I look forward to continuing my growth in my second year as a safety fellow.”*

**Abigail Gardella, PharmD**

MCPHS University - Manchester, School of Pharmacy



### First-Year Fellow

*“Biogen is exceptional at providing their Global Safety Fellows with an all-encompassing experience that provides the necessary skills and expertise to excel as a pharmaceutical industry professional. I feel privileged to learn from such knowledgeable and passionate individuals who provide a supportive environment for my personal and professional growth. In my time with Biogen I have learned a great deal from my preceptors and I look forward to continuing this journey as a second year fellow.”*

**Victoria Carr, PharmD**

MCPHS University - Worcester School of Pharmacy



# Regulatory Sciences Fellowship

2-YEAR PROGRAM

US REGULATORY SCIENCES

8 months

8 months

EARLY GLOBAL REGULATORY SCIENCES

LATE GLOBAL REGULATORY SCIENCES

8 months

## About Regulatory Sciences

Regulatory Sciences at Biogen is an integral part of global development, providing strategic guidance to programs across the spectrum of development and commercialization. As a leader in neuroscience, Biogen encourages innovation across all aspects of drug development, including regulatory strategy. Regulatory Sciences at Biogen is continually looked to for new and risk-forward approaches. This spirit of pioneering is the ideal background for a PharmD fellow to challenge themselves and grow as a professional.

Fellows in this program will gain valuable hands-on experience working on programs that span the development lifecycle. By working directly with experienced regulatory professionals, fellows will learn the fundamentals of both US and global regulatory and form the foundation for a successful career in Regulatory Sciences. In addition, fellows may have the opportunity to work on department-wide initiatives that span multiple drug development programs.

## Fellowship Contact Information

RegFellowship@biogen.com

### Elective Options

In addition to these core functions, the fellow will have an opportunity to spend several months in an optional elective in another department within Biogen, either within regulatory or another functional area.

Departments may include, but are not limited to:

- Asset Management
- Worldwide Medical
- Regulatory Sciences– Advertising and Promotion (AP)
- Global Regulatory Policy
- International Regulatory Sciences



## Program Director



*“Biogen is simply the best place to grow, develop, and learn as a regulatory professional. As an intern, a fellow, and as an employee, Biogen has given me new challenges and new opportunities at each turn. I continue to learn every day in a collaborative and innovative environment.”*

**Colin Gillis, PharmD**  
Senior Manager, US Regulatory Sciences

## Second-Year Fellow



*“There are so many exciting things happening at Biogen right now, and I have been so fortunate to have the opportunity to make meaningful contributions as a valued team member in my first year of fellowship. The Biogen team provides a fantastic support system that allows fellows to successfully lead projects, which have served as invaluable learning opportunities. I have found incredible mentors at Biogen and developed life-long friendships with my co-fellows, and I look forward to continuing to learn and grow professionally in my second year.”*

**Hannah Hoseyni, PharmD, RPh**  
University of Pittsburgh, School of Pharmacy

## First-Year Fellow



*“Biogen is a company that is committed to providing excellence to all stakeholders, and I have been able to experience that value in action through the transparency of leadership, mutual respect throughout the teams, and innovative efforts of the company as a whole. Being a part of the Regulatory Sciences fellowship is both challenging and rewarding. The inclusive nature of the team at Biogen allowed me to immediately contribute to programs as a first-year fellow. In addition to improving my technical regulatory skillset, I have also been able to develop on a professional and personal level.”*

**Sarah Park, PharmD**  
University of the Sciences, Philadelphia College of Pharmacy



# Regulatory Sciences—Advertising and Promotion Fellowship

2-YEAR PROGRAM

REGULATORY SCIENCES–AP

9 months

6 months

US MARKETING

ELECTIVE

3 months

6 months

REGULATORY SCIENCES–AP

## About Advertising and Promotion

Regulatory Sciences–Advertising and Promotion (AP) is one of the functional groups within the Regulatory Sciences organization that support Biogen’s development and commercial programs. The Regulatory Sciences–AP team is responsible for providing Biogen with strategic, high-quality, timely, and decisive regulatory advice on advertising and promotional materials, communications, and company activities in accordance with FDA regulations, company policies, and business goals. The AP group leads communications with regulatory agencies related to US advertising and promotion.

This 2-year Regulatory Sciences–AP fellowship is designed to provide advanced, hands-on experience. The fellowship provides AP professionals with comprehensive knowledge of regulations and real-world applications for advertising and promotion in the biopharmaceutical industry.

Regulatory Sciences–AP is an area in which skills cannot be obtained solely from a professional degree; instead, the necessary knowledge is gained predominantly through on-the-job training and hands-on experience.

Biogen recognizes this critical need for experienced Regulatory Sciences–AP professionals and has partnered with the marketing department to offer a fellowship with opportunities to experience and learn the following:

- the FDA regulations that govern advertising and promotion
- how to accurately and effectively apply regulations and provide guidance
- how promotional materials are developed through the commercial organization

The overall goal of the program is to prepare each fellow to be a successful Regulatory Sciences–AP professional with a solid understanding of how FDA regulations are followed by the biopharmaceutical industry and enforced by the FDA. Upon completion of the fellowship, the experienced fellow will be well-prepared to enter into an advanced career in Regulatory Sciences–AP.

## Fellowship Contact Information

RegAPFellowship@biogen.com

## Elective Options

The fellow will have the opportunity to spend up to 3 months in another department within Biogen.

Departments may include, but are not limited to:

- Worldwide Medical
- Global Commercial Strategy
- Health Economics and Outcomes Research
- Global Safety
- Regulatory Sciences
- Customer & Market Insights



## Program Director



*“Our program provides individuals interested in regulatory sciences with an opportunity to work in the constantly evolving field of advertising and promotion. Fellows will develop a core foundation in advertising and promotion, as well as participate in rotations in both marketing and an elective based on their own interests. This structure encourages a deep understanding of the material review process as fellows can fully appreciate the diverse cross-functional perspectives through their contributions to both regulatory and other groups.”*

**Julie Grimaldi, MS, MPH**  
Associate Director, Regulatory Sciences Advertising and Promotion

## First-Year Fellow



*“The Regulatory Sciences Advertising and Promotion Fellowship gives a hands-on learning experience into this dynamic field. The team values mentorship and has gone above and beyond to provide me with the fundamental understanding of advertising and promotion. The structure of the program also allows the fellow to grow beyond Ad Promo and experience different elective rotations across functional areas. I am supported by a driven team compiled of great leaders and mentors that provide immense support to help fellows grow personally and professionally, and I know by the end of my fellowship I will be more than prepared to be successful in the biopharmaceutical industry.”*

**Carly Schaechter, PharmD**  
University of Pittsburgh, School of Pharmacy





# Regulatory Sciences—Global Medical Writing Fellowship

2-YEAR PROGRAM

GLOBAL MEDICAL WRITING

10 months

4 months

ELECTIVE

GLOBAL MEDICAL WRITING

10 months

## About Global Medical Writing

Biogen's Medical Writing Fellowship will focus on clinical and regulatory documents needed for drug development. Over the course of 2 years, the fellow will work with teams including physicians, statisticians, clinical pharmacologists, and other scientists to create the documents needed to support the conduct and reporting of clinical trials, as well as the documents needed to obtain and maintain marketing authorization for therapies.

In the first year, the fellow will develop documents at the level of an individual clinical study of a potential new drug. These documents will include the clinical study protocol and the clinical study report needed to conduct and describe the data from the study, respectively. The fellow, as part of the cross-functional team of scientists and physicians, will learn about the purpose, structure and components of a protocol, and the process required to develop and adapt the protocol during the course of a study.

The fellow will also become familiar in the interpretation and reporting of the clinical data, the purpose of the clinical study report, and the importance of the data in this document to stakeholders.

Working within cross-functional teams provides exposure to the different scientific and medical functions within drug development and in how they collaborate on clinical studies. Also, developing an understanding of how the study-level documents are created will provide the fellow with the foundation needed to understand how individual studies support the overall drug development process.

In the second year, the fellow will work on program-level documents that are required to support all studies within a drug development program, or support the submission of data to regulatory authorities for marketing authorizations. This will allow the fellow to gain experience with a wider variety of documents and an understanding of their function within the broader context of drug development.

## Program Director



*"The Biogen Medical Writing fellows are afforded the opportunity to gain experience across the drug development spectrum through the production of regulatory medical writing documents."*

**Karthik Venkatesh, PhD**

Associate Director, Global Medical Writing

## First-Year Fellow



*"The Global Medical Writing Fellowship offers the opportunity to gain knowledge and be involved with every stage of the drug development process. Fellows work cross-functionally to produce clinical and regulatory documents leading way to a wide variety of projects equipping you with the necessary skills to lead a team through document lifecycles. This program provides an environment for professional growth and a solid foundation for a career within the biopharmaceutical industry."*

**Danielle Pete, PharmD**

Ohio Northern University Raabe College of Pharmacy

## Fellowship Contact Information

GMWFellowship@biogen.com

## Elective Options

The fellow will have the opportunity to spend up to 4 months in another department within Biogen.

Departments may include, but are not limited to:

- Global Clinical Operations
- Regulatory Sciences
- Global Safety
- Scientific Communications
- Worldwide Medical





# Worldwide Medical Fellowship

2-YEAR PROGRAM

## FUNCTIONAL GROUP ROTATIONS

12 months

12 months

## CORE FUNCTIONAL GROUP

### About Worldwide Medical

Worldwide Medical's (WWM) vision is to advance and drive medical practice to improve measurable patient outcomes. Inside Biogen, WWM is a resource for effective data generation, scientific communication and education. Externally, we are scientific partners to medical experts, physicians and patients, explaining the meaning behind our cutting-edge research data, collaborating on research studies and discovering unmet patient needs for our current and next-generation therapies.

During the first year of the WWM fellowship program, the fellow will have the opportunity to explore different functional areas within WWM. If desired, the fellow will have the opportunity to select one rotation outside of WWM to obtain a cross-functional perspective and understanding of how Biogen collaborates internally.

For the second year of the fellowship, the fellow will pick an area of concentration within WWM to prepare for a career within the biopharmaceutical industry.



### Fellowship Contact Information

WWMFellowship@biogen.com

### Worldwide Medical Rotation Schedule

Year 1



#### Core WWM Rotations may include Choose at least 3

- Medical Communications
- Publications
- Medical Directors Office
- Medical Information
- Congress Excellence
- Key Medical Expert Engagement
- Personalized Health Research, Analytics, & Solutions
- Medical Digital Innovation
- Medical Operations & Effectiveness
- Medical Health Outcomes Research

#### Optional Elective Rotations may include Choose up to 1

- Value & Access
- Commercial Marketing
- Clinical Development
- Business Development
- Supply Chain Management
- Safety & Regulatory Sciences
- Customer & Market Insights

Year 2



#### Longitudinal Rotation Choose 1

- This must be a previously completed Core WWM rotation

### Program Directors



*"Biogen's innovative research, groundbreaking medicines, and strong partnership with the medical community have translated to the development of a best-in-class Worldwide Medical organization that I am excited to be a part of. As a past fellow in the Worldwide Medical fellowship program, I am extremely grateful for the many opportunities this program provided me, and I look forward to mentoring new fellows in the future."*

#### Tucker Ward, PharmD

Global Publications Lead – Multiple Sclerosis



*"The Worldwide Medical fellowship program offers a unique opportunity for fellows to grow and learn within a variety of key functions within Global Medical Affairs. The rotational nature allows individuals the opportunity to build a strong network in the company, which truly sets them up for future success within the organization."*

#### Eric Ponton, PharmD, RPh

Associate Global Medical Director – Alzheimer's disease

### Second-Year Fellows



*"The Worldwide Medical fellowship provides a platform for graduating pharmacists to further develop the skills they have learned during pharmacy school. Working cross-functionally on impactful assignments enhances the fellow's understanding of the drug development process while remaining committed to patients around the world."*

#### Rohit Arjun Amarshi, PharmD, RPh

Keck Graduate Institute, School of Pharmacy and Health Sciences



*"The Worldwide Medical fellowship enables fellows to explore their interests in the various facets of Global Medical Affairs. With the guidance of the program directors and preceptors, fellows can personalize their experiences in order to develop the necessary foundation and skills to thrive in industry."*

#### Melissa Kang, PharmD, RPh

The University of Texas at Austin, College of Pharmacy

### First-Year Fellow



*"The rotational structure of the Worldwide Medical fellowship allows fellows to gain a breadth of experiences within Global Medical Affairs, while leading impactful projects to advance clinical practice. The mentorship of expert preceptors and the skills developed provide fellows a competitive edge to jumpstart their careers."*

#### Emily Boesch, PharmD

University of North Carolina Eshelman School of Pharmacy



# US Medical Fellowship

2-YEAR PROGRAM

## US MEDICAL DIRECTOR'S OFFICE

9 months

3 months

ELECTIVE

## MEDICAL VALUE STRATEGY & EXECUTION OFFICE

9 months

3 months

ELECTIVE

## About US Medical

The US Affiliate Office for Worldwide Medical (“US Medical”) is responsible for high-quality medical engagement with US healthcare entities. It is staffed with pharmacists, physicians, and highly scientifically trained business professionals, and is organized to deeply engage three key segments of the US marketplace: (1) health care professionals (2) managed care and formulary decision makers, and (3) patient advocacy groups and professional societies. US Medical is currently responsible for medical engagement in various therapeutic areas including but not limited to Multiple Sclerosis, Spinal Muscular Atrophy, and Alzheimer’s Disease.

The US Medical Fellowship is designed for fellows to acquire the skills necessary to drive scientific thought leadership, launch rare disease and specialty products, and enable market access to therapies. During the fellowship within US Medical, the fellow will have the opportunity to undertake responsibilities such as:

- Developing and delivering disease state and product medical trainings
- Designing and executing real-world research projects
- Reviewing investigator-led research proposals
- Authoring scientific publications and value dossiers
- Attending scientific and managed care conferences to report key findings
- Engaging thought leaders and coverage decision makers
- Joining meetings with patient advocacy groups and professional societies
- Developing and reviewing promotional and marketing materials
- Assisting in planning of advisory board meetings
- Supporting product launches and asset divesting efforts
- Developing medical strategy for field team
- Collaborating with US Commercial colleagues

The US Medical Fellow will spend 18 months rotating within the US Medical Office, across functions responsible for medical engagement of health care professionals, payors and specialty pharmacies, and patient advocacy groups and professional societies. Fellows will be offered an opportunity to select a track based on their background and interests and following consultation with their Fellowship Directors.

By the end of the fellowship, the US Medical Fellow will have acquired skills and experiences to pursue roles within Medical Affairs or Market Access.

## Fellowship Contact Information

MedValueFellowship@biogen.com



## Elective Options

The fellow will have the opportunity to spend up to three months rotating in at least two other departments within Biogen, such as:

- US Marketing
- Global Medical Evidence and Research Innovation (MERI)
- Global Health Economics and Outcomes Research
- US Pricing and Channel Distribution
- US Patient Services
- US Government Policy and Advocacy

## Program Directors



*“The US Medical Fellowship is designed to provide fellows with exposure to the Medical Affairs organization in an affiliate while providing them with the tools to communicate effectively and think strategically when applying scientific evidence to established better health outcomes in the populations we serve.”*

**Caroline Geremakis, PhD, MPH**

Associate Director, Medical Value Strategy & Execution, US Medical



*“Fellows who participate in our program will have an intense immersive experience into the inner workings of a leading affiliate in a global organization. Our goal is to challenge fellows with short and medium-term projects, so they are well-suited to continue their career in the pharmaceutical industry.”*

**Jason Mendoza, PhD**

Medical Director, US Lead: TECFIDERA and VUMERITY

## Second-Year Fellows



*“This fellowship with the US Medical team provides a unique opportunity for fellows to participate in medical strategy and execution for medical field teams working with healthcare providers and formulary decisionmakers. The structure of this fellowship programs allows for the stability to become deeply involved in projects in the core functional areas and the flexibility in exploring new opportunities based on interest through elective rotations.”*

**Jenna Borowski, PharmD**

University of Pittsburgh, School of Pharmacy



*“The US Medical fellowship provides opportunities for fellows to work and learn from distinguished professionals while rotating through different functional areas. This unique structure allows fellows to engage in projects across several therapeutic areas while developing the skills for a future in the biopharmaceutical industry.”*

**Auston Collins, PharmD**

The Ohio State University, College of Pharmacy

## First-Year Fellows



*“The unique structure of this program supports fellows in their professional interests and goals through core and elective rotations. As a part of the Medical Value Strategy & Execution team, I have worked on a wide assortment of significant and challenging projects directed at improving Biogen’s core therapeutic areas.”*

**Donald Smith, PharmD**

University of Kansas, School of Pharmacy



*“The US Medical fellowship offers the opportunity to become deeply integrated within the Medical Director’s office and the Medical Value Strategy and Execution team. The rotational structure will allow the fellow to explore areas of interest, develop professionally through cross-functional interactions, and build a solid foundation to successfully transition to various industry career roles.”*

**Mary Zhang, PharmD**

University of Maryland School of Pharmacy



# Therapeutics Development Fellowship

2-YEAR PROGRAM



## About Therapeutics Development

The Therapeutics Development (TD) fellowship consists of rotations through Clinical Development (CD), Global Clinical Operations (GCO), and Analytics and Data Sciences (ADS). Together, these functional areas lead the creation and execution of innovative development plans and trial designs supported by cutting-edge analytics and data sciences.

The 2-year TD fellowship is designed to provide a robust, hands-on experience in drug development for global programs across the full development life cycle and therapeutic areas. During the program, the fellow will gain experience via 4-month rotations in CD, GCO, and ADS, before selecting their area of concentration for the 2nd year of the program. The fellowship is designed to build the foundation for a successful career in drug development.

**Clinical Development:** Clinical Development (CD) drives strategy, design and execution of innovative clinical development plans and studies to expedite access to safe and effective therapies for diseases with unmet medical needs.

**Global Clinical Operations:** Global Clinical Operations (GCO) provides operational expertise and rigor to enable world-class execution of clinical trials across the R&D clinical pipeline (from first-in-human through pivotal and post-approval studies).

**Analytics and Data Sciences:** Analytics and Data Sciences (ADS) brings together cross-functional expertise including Biostatistics, Data Management, Epidemiology, Statistical Programming, and Observational Analytics to enable an integrated and innovative approach to accessing and analyzing data across complex development programs.

## Program Director



*“As a previous fellow, I cannot emphasize enough how invaluable the Biogen MCPHS fellowship program is for the fellows and for Biogen. There is no better environment for gaining real-world drug development experience and understanding how the many pieces of the puzzle fit together. The TD fellowship program will offer the fellow a unique opportunity to rotate through three key pillars of drug development before determining their preferred area of concentration for the 2nd year. My hope is that the fellows come out of the program with the tools to navigate the biopharmaceutical industry and experiences to inform the next steps in their career path.”*

**Stephanie Fradette, PharmD**  
Medical Director, Clinical Development

## First-Year Fellow



*“The TD fellowship enables me to fully immerse myself into Biogen’s clinical portfolio while being mentored by many expert preceptors. The three rotations through the key functional areas allow you to better understand the intricate and fascinating drug development process. Furthermore, this program provides a supportive environment to grow and develop as you transition from being a student pharmacist to an industry professional. As the first TD fellow, I am extremely thankful to have this opportunity to collaborate with such passionate and talented professionals to fulfill the unmet needs in neurological diseases.”*

**Jeong (Julia) Heo, PharmD**  
University of Pittsburgh School of Pharmacy

## Fellowship Contact Information

[TDGFellowship@biogen.com](mailto:TDGFellowship@biogen.com)





## About MCPHS University

MCPHS University provides an academic environment to guide and support fellows toward a successful career in the biopharmaceutical industry. As a private institution with a history of specializing in the health sciences, MCPHS University offers programs that embody scholarship, professional service, and community outreach.

Through MCPHS University, the fellow will have the opportunity to gain teaching and research experience in an academic setting. Throughout the program, MCPHS University faculty and company program leaders mentor fellows according to each fellow’s scholarly and professional interests.

As an adjunct assistant professor at MCPHS University, each fellow may have the opportunity to

- develop, coordinate, and teach pharmacy courses.
- co-precept students on advanced experiential rotations.
- create and publish scholarly research and review articles.
- present data at scientific and clinical meetings.
- participate in professional development seminars.

## MCPHS University Faculty Preceptors



**Amee Mistry, PharmD, RPh**  
Director,  
Biopharmaceutical  
Industry Fellowship  
Program

Dr. Amee Mistry is Professor of Pharmacy Practice and has been with MCPHS University since 2006. Dr. Mistry earned her PharmD at the Albany College of Pharmacy and completed a PGY1 Community Practice Residency with Walgreens and MCPHS University. In 2015, Dr. Mistry took over as Director of the MCPHS Biopharmaceutical Industry Fellowship program. She works directly with leaders in the area to continue to foster growth and development of the post-graduate program, and to assist the fellows in attaining positions within the pharmaceutical industry.

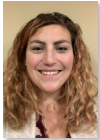
In addition, she is advisor for the student IPhO chapter at MCPHS, co-advisor for APhA-ASP, a national trainer for the APhA Pharmacy-Based Immunization training program, and is actively involved with the Massachusetts Pharmacists Association.



**Michael Angelini, MA, PharmD, BCPP**  
Professor of Pharmacy Practice



**Paul Kaplita, PhD**  
Associate Professor of Pharmaceutical Sciences



**Elizabeth Haftel, PharmD, CDE**  
Assistant Professor of Pharmacy Practice



**Michael Steinberg, BA, BS, PharmD, BCOP**  
Professor of Pharmacy Practice



**Adrian Wong, PharmD, MPH, BCPS, BCCCP**  
Assistant Professor of Pharmacy Practice



**Kristine Willett, PharmD, FASHP**  
Professor of Pharmacy Practice

## Eligibility

The MCPHS Biopharmaceutical Industry fellows will be selected on a nationally competitive basis.

- Applicants must have a Doctor of Pharmacy degree from an ACPE accredited college of pharmacy at the commencement of the program.
- Applicants are encouraged to register for ASHP/PPS, but this is not a requirement to apply.
- Candidates must have strong written and verbal communication skills and a strong interest in pursuing a career within the biopharmaceutical industry.
- All candidates must have authorization to work in the United States throughout the duration of the one or two-year fellowship. No visa sponsorship will be provided.

## Application Requirements Eligibility

The MCPHS Biopharmaceutical Industry fellows will be selected on a nationally competitive basis. Applicants must have a Doctor of Pharmacy degree from an ACPE accredited college of pharmacy at the commencement of the program.

### Application Procedure

The MCPHS application portal will open up on **October 19, 2020**. Applicants must upload the following application materials to the [online portal](#) by **November 25, 2020**:

- Letter of intent
- Curriculum vitae
- Unofficial college transcript
- Contact information of three references for their recommendations.
- Three recommendation evaluation forms must be submitted no later than **December 4, 2020** via the online portal.

### Interviews

The Fellowship will conduct virtual interviews during the week of ASHP Midyear. Candidates will be notified if selected for an interview.

### Onsite Interviews

Top candidates may be invited for interviews at the sponsoring company’s location if COVID – 19 restrictions allow. Final candidates will be required to go through additional screening/onboarding as required by MCPHS University.





Frequently Asked Questions

What is the timeline for the fellowship selection process?

- Applicants are encouraged to register for ASHP/PPS, but this is not a requirement to apply.
- The MCPHS application portal will open up on **October 19th, 2020**. Applicants must upload their letter of intent, CV, unofficial college transcript, contact information for 3 references for their recommendations.
- The application materials listed above must be received by **November 25th, 2020**; however, applications will be accepted and reviewed prior to the due date. Due to the competitive nature of the selection process, applicants are encouraged to submit their application materials as soon as possible.
- Recommendations from three references must be submitted by **December 4th, 2020** via the online portal.
- The Fellowship will conduct virtual interviews during the week of ASHP Midyear and candidates will be notified if selected for an interview.

Do I need previous industry experience in order to be considered for the fellowship program?

- No, previous industry experience is not required.

Do I have to be a registered pharmacist to qualify for this fellowship?

- No, but licensure is strongly encouraged. To qualify for this fellowship, you must be a graduate of an ACPE-accredited PharmD program at the commencement of the fellowship.

Will I be able to defer my student loans?

- Yes, provided that the student loan company accepts fellowship deferment. Candidates should contact their lender(s) for more information regarding eligibility and terms of deferment.

Can I apply for more than 1 fellowship at Biogen?

- Yes, we welcome potential applicants to explore all of the opportunities available at Biogen.

Is a cover letter required to request an interview?

- No, a cover letter is not needed for the initial interview request, but a letter of intent is required.

Are there any other elective options available that are not listed?

- All elective options are subject to availability. Additional options may be available depending on interest.



Fellowship Alumni

Regulatory Sciences–Safety and Benefit Risk Management		
Alumnus/Alumna		Current Position
2007 – 2009	<b>Hamdan Almas, PharmD</b> University of California–San Francisco School of Pharmacy	Senior Director, US Marketing Kite Pharma
	<b>Benjamin Exter, PharmD</b> Northeastern University Bouv� College of Health Sciences	Vice President, Pharmacovigilance Unum Therapeutics
2008 – 2010	<b>Raymond Kim, PharmD</b> University of California–San Francisco School of Pharmacy	Associate Director, Medical Services Ultragenyx Pharmaceutical Inc.
	<b>James Scanlon, PharmD, RPh</b> Northeastern University Bouv� College of Health Sciences	Senior Regional Medical Liaison Amgen
2009 – 2011	<b>Amy Gangadharan, PharmD</b> Northeastern University Bouv� College of Health Sciences	Pharmacovigilance & Clinical Safety Cerevel Therapeutics, LLC
	<b>Stephanie Fradette, PharmD</b> Northeastern University Bouv� College of Health Sciences	Medical Director, Clinical Development Biogen
2010 – 2012	<b>Desmond Murphy, PharmD, RPh</b> Northeastern University Bouv� College of Health Sciences	Medical Science Liaison Anylam Pharmaceuticals
2012 – 2014	<b>Kimberly Price, PharmD, RPh</b> Massachusetts College of Pharmacy and Health Sciences–Worcester	Associate Director, Scientific Communications bluebird bio
2013 – 2015	<b>Lauren Oliva, PharmD, RPh</b> Rutgers University Ernest Mario School of Pharmacy	New Technologies Policy Lead, Associate Director, Global Regulatory Policy Biogen
2014 – 2016	<b>Theresa Foster, PharmD, RPh</b> University of New England College of Pharmacy	Senior Pharmacovigilance Scientist Ironwood Pharmaceuticals
	<b>Martin Kwok, PharmD, RAC, RPh</b> The Ohio State University College of Pharmacy	Director, Regulatory Affairs Ironwood Pharmaceuticals



Fellowship Alumni (Cont'd)

Regulatory Sciences-Safety and Benefit Risk Management		
2015 - 2017	<b>Colin Gillis, PharmD</b> Northeastern University Bouve College of Health Sciences	Senior Manager, Global Regulatory Affairs Biogen
	<b>Bhumi Patel, PharmD, MBAC</b> University of the Sciences Philadelphia College of Pharmacy	Regulatory Global Labeling Lead (Oncology) Pfizer
2016 - 2018	<b>Tina Chhabra, PharmD</b> Virginia Commonwealth University School of Pharmacy	Regulatory Manager FDA
	<b>Kathy Lu, PharmD</b> University of the Sciences Philadelphia College of Pharmacy	Manager, Regulatory Global Labeling Amgen
20157 - 2018	<b>Amanda Hall, PharmD</b> Temple University School of Pharmacy	Manager, Regulatory Affairs Biogen
20158 - 2020	<b>Lori Yeterian, PharmD, RPh</b> MCPHS University, Boston School of Pharmacy	Manager, Regulatory Affairs Biogen
	<b>Patsy Casalino, PharmD</b> MCPHS University, Boston School of Pharmacy	Manager, Regulatory Affairs Biogen
Regulatory Sciences- Advertising and Promotion		
2012 - 2014	<b>Richard Lem, PharmD</b> Rutgers University Ernest Mario School of Pharmacy	Associate Director, Regulatory Affairs Advertising and Promotion Bayer HealthCare
2013 - 2015	<b>Sheila Kundu, PharmD</b> University of the Sciences Philadelphia College of Pharmacy	Associate Director, Regulatory Affairs Advertising and Promotion Gilead Sciences
2015 - 2017	<b>Kate Ho, PharmD, RPh</b> Purdue University College of Pharmacy	Senior Manager, Regulatory Affairs Advertising and Promotion TESARO, Inc
2018 - 2020	<b>Adaku Onwuzurumba, PharmD</b> MCPHS University, Worcester School of Pharmacy	Senior Product Manager, US Marketing Biogen

Fellowship Alumni (Cont'd)

Regulatory Sciences-Trial Master File/Clinical Trial Application		
2016 - 2018	<b>April Nguyen, PharmD</b> University of the Pacific Thomas J. Long School of Pharmacy and Health Sciences	Manager, Regulatory Affairs Biogen
Regulatory Sciences-Global Medical Writing		
2016 - 2018	<b>Jihae Lim, PharmD</b> Temple University School of Pharmacy	Senior Specialist, Labeling Merck
	<b>Joseph Naggar, PharmD, RPh</b> MCPHS University-Boston School of Pharmacy	Senior Specialist, Publication Management Merck
2017 - 2018	<b>Melissa Laracy, PharmD</b> University of Connecticut School of Pharmacy	Senior Medical Writer Biogen
2018 - 2020	<b>Jeffrey Roth, PharmD, RPh</b> University of North Carolina, Eshelman School of Pharmacy	Senior Medical Writer Biogen
Worldwide Medical		
2012 - 2014	<b>Jonathan Kendter, PharmD, MBA</b> University of the Sciences Philadelphia College of Pharmacy	Associate Director, Medical Managed Care Sanofi Genzyme
2013 - 2015	<b>Manas Prasad, PharmD</b> University of Connecticut School of Pharmacy	Associate Director, Medical Information Orchard Therapeutics
2016 - 2018	<b>Jinny Min, PharmD</b> University of Michigan College of Pharmacy	Associate Director, Medical Communications Rhythm Pharmaceuticals, Inc.
	<b>Melanie Standridge, PharmD</b> Thomas Jefferson University College of Pharmacy	Senior Manager, Medical Information AstraZeneca
2018 - 2020	<b>Stephanie Yin, PharmD, RPh</b> The University of Texas at Austin, College of Pharmacy	Medical Science Liaison Biogen
Real World Outcomes, Innovative Partnerships, and Insights		
2016 - 2018	<b>Jaanai Babb, PharmD</b> Rutgers University Ernest Mario School of Pharmacy	Associate Director, Payer Marketing Sage Therapeutics