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COLLEGE of PHARMACY
and HEALTH SCIENCES



Biopharmaceutical Industry PharmD Fellowships

Unique Fellowships, Endless Opportunities
2025-2027 Recruitment Cycle



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A MESSAGE FROM CHRIS VIEHBACHER

Dear Prospective Biogen Fellow,

Thank you for your interest in the Biogen Post-PharmD Fellowship Programs. Biotech is an exciting and growing industry that provides numerous prospects for pharmacists looking for an alternative and differentiated career. Since the start of this fellowship, 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 that have contributed to the success of our company.

Since our founding in 1978 as one of the world's first global biotechnology companies, Biogen has led innovative scientific research with the goal of delivering new medicines to transform patients' lives. Biogen's culture encourages colleagues to pioneer, think broadly, drive results while always being ethical and inclusive. With this as our foundation there are many new opportunities for fellows to learn and grow in a supportive environment.

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 focusing on helping people who are underrepresented or underserved gain access to quality health care.

This is an exciting time in Biogen's history and our continued commitment to pioneering science and driving innovation for complex and devastating diseases. Today, Biogen is advancing a pipeline of potential therapies across neurology, neuropsychiatry, specialized immunology and rare disease.

We hope that you will consider being a part of Biogen's journey by applying for the Biogen Fellowship.

Sincerely,



Christopher Viehbacher
President and CEO



where
science meets **humanity**™

About Biogen

Biogen is a leading biotechnology company that pioneers innovative science to deliver new medicines to transform patients' lives and to create value for shareholders and our communities.

We apply deep understanding of human biology and leverage different modalities to advance first-in-class treatments or therapies that deliver superior outcomes. Our approach is to take bold risks, balanced with return on investment to deliver long-term growth.

Biogen has developed multiple breakthrough innovations including a broad portfolio of medicines to treat multiple sclerosis, the first approved treatment for spinal muscular atrophy, the first approved treatment targeting an underlying cause of genetic ALS and co-developed two treatments to address a defining pathology of Alzheimer's disease. Today, Biogen is advancing a pipeline of potential therapies across neurology, neuropsychiatry, specialized immunology, and rare diseases. Check out the complete Pipeline overview [here](#).

Current Disease State Areas of Research

Alzheimer's
Disease &
Dementia

Neuropathic
Pain

Multiple
Sclerosis

Amyotrophic
Lateral
Sclerosis

Parkinson's
Disease &
Movement
Disorders

Friedrich
Ataxia

Spinal
Muscular
Atrophy

Specialized
Immunology

Neuropsychiatry



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About the Fellowship

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

- Regulatory Affairs - Regulatory Strategy
- Regulatory Affairs - Advertising and Promotion (*not recruiting*)
- Global Medical Writing
- Worldwide Medical
- US Medical
- Therapeutics Development
- US Marketing
- Global Safety (*not recruiting*)

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.





Regulatory Affairs – Regulatory Strategy

About Regulatory Strategy

Regulatory Strategy 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 Strategy 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 regulatory strategy and form the foundation for a successful career. In addition, fellows may have the opportunity to work on department-wide initiatives that span multiple drug development programs.

Foundational Experience

The first step in building a long-term career in Regulatory Strategy is understanding the building blocks of regulatory and drug development. It is crucial to gain the experience needed and to develop a fundamental understanding of the work that goes into building a regulatory strategy. The goals of the first rotation are to gain experience with the foundational elements of Regulatory Strategy, including but not limited to: submission management, knowledge of ICH and regional regulations and health authority guidance documents, labeling, annual reports, regulatory intelligence, and management of portfolio-wide initiatives.

US/EU/Global Regulatory Strategy

The second rotation will build upon the foundational experience from the first rotation. Fellows will work with regional and/or global Regulatory Strategy Leads to support and lead strategic initiatives with the cross-functional program teams.

Elective Options

In addition to the core rotations, per discussion with the Program Director, the fellow may have an opportunity to spend several months in an optional elective in another department within Biogen, either within regulatory or another functional area.

Fellowship Contact Information

RegFellowship@biogen.com

Program Timeline

Foundational Experience
10 months

EU/US/Global Regulatory Strategy
10 months

Elective
4 months

Program Director



"As a past fellow and current employee, I can attest that Biogen provides an ideal learning environment for those interested in establishing their identity as regulatory professionals. With preceptors that prioritize personal and professional growth, this fellowship remains a premier option for future industry leaders."

Hannah Hoseyni, PharmD, RPh
Senior Manager, Regulatory Strategy

Second-Year Fellow



"The Regulatory Strategy fellowship here at Biogen has given me the skillset to work through all stages of the drug development cycle, within the US and Global teams. The elective rotation opportunity will allow me to diversify my skillset within another functional area to allow me to become a well-rounded individual. I am so grateful to be surrounded by mentors and like-minded professionals who have guided and supported me throughout this process to lay a solid foundation for my career within the biopharmaceutical industry."

Veedhi Shah, PharmD, RPh
Midwestern University College of Pharmacy



Regulatory Affairs - Advertising and Promotion

Not Recruiting

About Advertising & Promotion

Regulatory Advertising and Promotion (Reg AP) is one of the functional groups within the Regulatory Sciences organization that support Biogen's development and commercial programs. The Reg 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 and global health authority regulations, company policies, and business goals. The Reg AP group leads communications with regulatory agencies related to US advertising and promotion.

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

Regulatory 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 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 apply regulations and provide guidance accurately and effectively
- How promotional materials are developed through commercial organization

The overall goal of the program is to prepare each fellow to be a successful Reg 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 an advanced career in Reg AP.

Second-Year Fellow



"The Regulatory Sciences Advertising and Promotion Fellowship is designed to support the fellow in developing a core foundation in advertising and promotion. It provides opportunities to engage with cross-functional teams for the review of marketing materials. The program offers a marketing and elective rotation which allows for growth through exposure of areas of interest. The team is comprised of knowledgeable leaders who mentor the fellow throughout their learning and development. Along with opportunities for hands on learning experiences, the fellow will be equipped with the tools needed to succeed in this role."

Marla Quintana, PharmD, RPh
MCPHS Boston, School of Pharmacy



Global Medical Writing

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 that include 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 for 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. As part of the cross-functional team of scientists and physicians, the fellow 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 with 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 knowledge of 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 to 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.

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
- Global Regulatory Labeling
- Global Safety
- Regulatory Strategy
- Scientific Communications
- Worldwide Medical

Fellowship Contact Information

GMWFellowship@biogen.com



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Program Timeline



Program Directors



“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.”

Katherine Bricceno, PhD
Associate Director, Global Medical Writing



“The Global Medical Writing fellowship provides hands-on experience to fellows looking to gain an understanding of drug development and the preparation of regulatory submissions. Through cross-functional collaboration, the fellows lead development of various deliverables to support life-enhancing therapies.”

Melissa Laracy, PharmD
Principal Medical Writer, Global Medical Writing

Second-Year Fellow



“The Global Medical Writing Fellowship Program at Biogen provides an incredible opportunity to collaborate with a multitude of experienced cross-functional leaders, mentors, and colleagues who are passionate about what they do. As medical writers, we obtain an extensive knowledge in the regulations and expectations of drug development, and integrate that information across a variety of study-level and program-level global regulatory documents. The analytical and technical skills you acquire in this fellowship are not just applicable to the role, but will also enhance your own professional growth and help you find success in your personal goals.”

Sarah Das, PharmD
MCPHS Boston, School of Pharmacy

First-Year Fellow



“Biogen’s Global Medical Writing Fellowship offers a unique opportunity to engage with all aspects of drug development. Fellows will gain diverse experience by collaborating with cross-functional teams and contributing to essential clinical and regulatory documents. This fellowship refines their skills in managing document lifecycles and enhances their understanding of the drug development process. With the support of experienced mentors, fellows will build a strong foundation for a successful career in the biopharmaceutical industry.”

Marziya Khan, PharmD
Philadelphia College of Pharmacy, Saint Joseph’s University



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Worldwide Medical

About Worldwide Medical

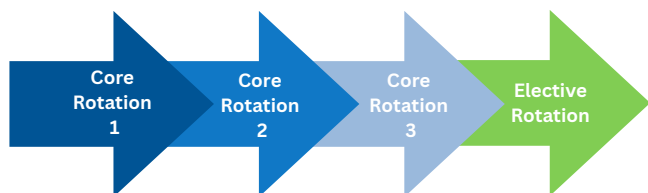
The vision of Worldwide Medical (WWM) is to serve as the translational bridge between science, the healthcare community, and patient care. Within Biogen, WWM is a resource for effective data generation, scientific communication, and education. Externally, we are scientific partners to medical experts, physicians, and patients, communicating our cutting-edge research, collaborating on research studies, and elucidating 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 a deeper understanding Biogen's internal collaboration. During the second year, the fellow will pick a core concentration within WWM to prepare for a career within the biopharmaceutical industry.

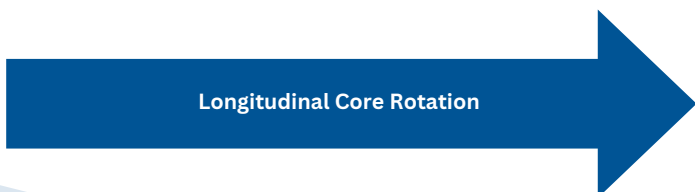
Fellowship Contact Information

WWMFellowship@biogen.com

Year 1



Year 2



Core WWM Rotations

Choose at least three for Year 1 and one for the duration of Year 2:

- Scientific Communications
- Medical Director's Office
- Congresses and Digital Communications
- Medical Education
- Field Medical Strategy and Execution
- Medical Operations & Effectiveness
- Medical Information

Optional Year 1 Elective Rotations

Choose up to one in Year 1:

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



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Program Timeline

Functional Group Rotations
3 months each

Core Functional Group
12 months

Program Director



"In the Worldwide Medical fellowship program, fellows have the unique opportunity to get hands-on experience on meaningful projects across Global Medical Affairs. The rotational structure of the program allows for an immersive experience across various functions both inside and outside of Worldwide Medical, which sets the fellows up for success with a broad network as they kick off their career in the biopharmaceutical industry."

Tyler Lasky, PharmD

Global Medical Director, Alzheimer's Disease

Second-Year Fellows



"The rotational aspect of the Worldwide Medical Fellowship offers an invaluable experience to deeply explore various roles within medical affairs. It also provides the chance to work outside of medical affairs for a rotation which is a paramount opportunity for professional development. I have had the opportunity to work on dynamic projects with passionate mentors which is helping me to build a strong foundation in medical affairs."

Juliana Gassmann, PharmD

University of Colorado, Skaggs School of Pharmacy



"The rotational structure of the Worldwide Medical Fellowship is what initially drew me to the Biogen fellowship program, but the team is what makes it truly special. With so many alumni of the fellowship program serving as mentors within the company, I have always felt a strong sense of support and advocacy for the program and the value that fellows can bring. The elective rotation option allows you to learn more about medical affairs through the lens of a different functional area, so I've been able to work with the Regulatory Strategy team in addition to teams within Medical Affairs, such as Scientific Communications, Medical Training, and the Medical Director's Office."

Mattie Hucks, PharmD

Medical University of South Carolina



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US Medical

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 a range of clinical and scientific experts (e.g., pharmacists, physicians, clinical PhDs, bench scientists, advanced practice providers, etc.) and is organized to provide a meaningful impact through three key segments of the US marketplace: 1) health care professionals, 2) formulary decision makers, and 3) the patient advocacy community. US Medical is currently responsible for the medical engagement in multiple therapeutic areas including but not limited to: Specialty Care (Multiple Sclerosis, Immunology, and Alzheimer’s Disease), Rare diseases including Friedreich Ataxia (FA), Spinal Muscular Atrophy (SMA), and Amyotrophic Lateral Sclerosis (ALS), and Neuropsychiatry.

The two-year US Medical Fellowship is designed for fellows to acquire the skills and experiences necessary to drive scientific thought leadership, support lifecycle management strategies and tactics, and help ensure equitable market access. 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 payer value dossiers
- Attending scientific and managed care conferences to report key findings
- Engaging thought leaders and coverage decision makers
- 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 the field team
- Collaborating with US Commercial, Regulatory, Legal, and Global Medical colleagues

The US Medical Fellow will spend 18 to 21 months rotating within the US Medical Office, across functions responsible for medical engagement of health care professionals, scientists, payers, patient advocacy groups, specialty pharmacies, and health systems. 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.

Core Rotations

- Specialty Care Medical Director’s Office
- Rare Disease Medical Director’s Office
- Evidence Generation/Scientific and Value Communications

Elective Options

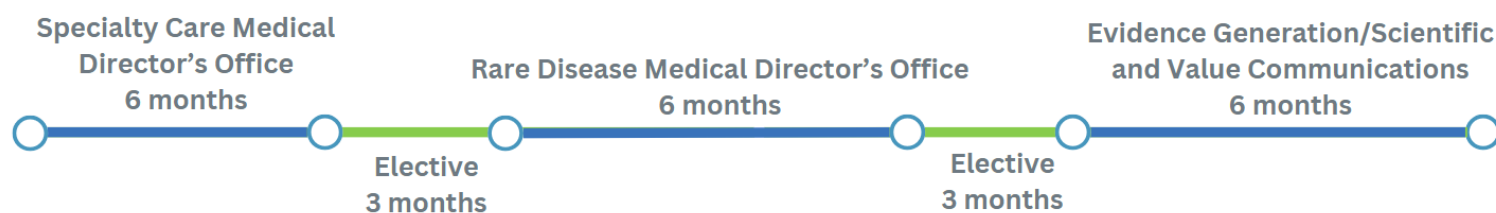
The fellow will have the opportunity to spend up to three months rotating in two other departments within Biogen, such as:

- US Marketing
- US Market Access and Reimbursement
- Global Value and Access
- Global Product Development and Commercialization

Fellowship Contact Information

McKenzie.Stratton@biogen.com

Program Timeline



Track options include:

3 core rotations for 6 months + 2 electives

3 core rotations for 7 months + 1 elective

Program Directors



"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

Head of Specialty Care and Medical Evidence Generation



"The unique structure of the US Medical fellowship provides fellows with a broad experience to develop professionally through their time spent with the US Medical Director's Office, Evidence Generation, and Scientific and Value Communications teams. Throughout the fellowship, fellows have the opportunity to support projects that align with their professional goals, collaborate cross-functionally, and gain an understanding of various functional areas through the core and elective rotations."

McKenzie Stratton, PharmD

Scientific and Value Communications



"The Biogen US Medical Fellowship program offers fellows the ability to personalize their rotations to get hands on experience in multiple different cross-functional projects, optimizing professional growth and learning. Throughout each rotation, fellows are exposed to a diverse range of experiences that help facilitate learning of the biopharmaceutical industry."

Robin Avila, PhD

Medical Director, Rare Disease

Program Timeline



Track options include:
3 core rotations for 6 months + 2 electives
3 core rotations for 7 months + 1 elective

Second-Year Fellows



“The US Medical Fellowship at Biogen allows fellows to personalize their experience to optimize professional growth and learning. This program has provided me with mentorship, immersive learning, professional networking opportunities, and exposure to diverse experiences to round out my knowledge, skills, and abilities. The rotational aspect of this unique fellowship will prepare me for a wide variety of careers in the pharmaceutical industry.”

Babak Amerian-Williams, PharmD
St. Louis College of Pharmacy



“The unique structure of the US Medical fellowship at Biogen allows fellows to experience two key areas within medical in the US market. As valued team members, fellows benefit from mentorship by experienced leaders with diverse educational backgrounds. We contribute to projects with the goal of engaging and educating stakeholders to improve patient access and outcomes. These experiences will prove to be invaluable as one pursues a full-time position within industry post-fellowship.”

Georgia Matz, PharmD
University of Arizona, R. Ken Coit College of Pharmacy

First-Year Fellows



“The unique blend of market access and medical affairs makes this program extremely advantageous for fellows. Through it, fellows can support projects that align with their professional goals, collaborate cross-functionally, and understand various functional areas through the core and elective rotations. The US Medical team is extremely supportive and allows me to tailor my experience to my interests. Working alongside these leaders has reinforced my passion for creating solutions for patients affected by MS and rare diseases.”

Alexander Szewczyk, PharmD, RPh
Butler University



“The US Medical fellowship's structure supports fellows in a multitude of ways. This fellowship allows me to grow personally and professionally by working closely with a dedicated team that prioritizes development. I was able to become a vital part of the team by contributing to projects that align with my professional goals. Fellows will participate in cross functional settings, network with countless industry professionals, and become knowledgeable in key therapeutic areas that support the company.”

Simran Mangat, PharmD
Temple University



Therapeutics Development

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. In addition to these core rotations, the fellow may choose to spend some time in an optional elective within Biogen, if desired. 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).

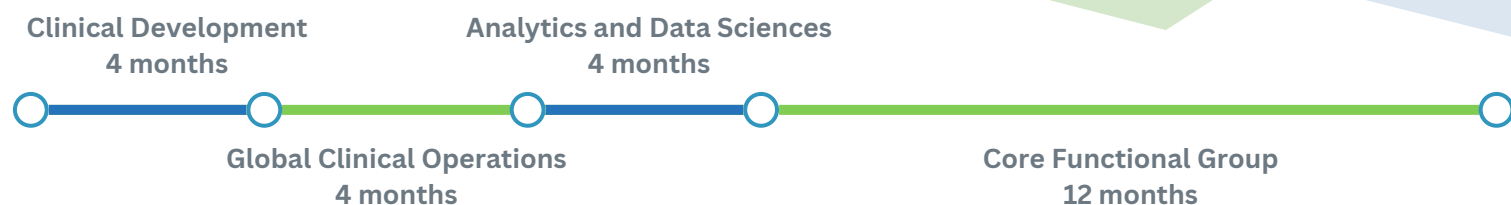
Analytics and Data Sciences

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

Fellowship Contact Information

TDGFellowship@biogen.com

Program Timeline



Program Directors



"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

Vice President, Head of Neuromuscular Development Unit



"One of the key factors to a strong contributor on a clinical study team is a good working knowledge of core functional area processes. The TD fellowship allows the fellow to experience several of these core functional areas firsthand, giving them a better understanding of all effort involved when executing a task in drug development. Knowing the strengths and benefits of the MCPHS fellowship program, the fellow will also gain instrumental soft skills to support their work in various team settings. I believe the fellows will emerge with a wide skill set and the confidence needed to be successful in their careers in drug development."

Raechel Farewell, PharmD, RPh

Associate Medical Director, Clinical Development

Second-Year Fellow



"The TD fellowship offers an unparalleled opportunity to be fully immersed in functional areas central to drug development while making meaningful contributions to science and patients. By collaborating with and learning from passionate and talented professionals across the drug development spectrum, I can fully exercise my passion for research and science while gaining a comprehensive experience and the skills critical to successful clinical study execution. The unique structure and invaluable mentorship of the TD fellowship will prepare the fellow for a successful career in the biopharmaceutical industry."

Matthew Amorin, PharmD, RPh

MCPHS Worcester, School of Pharmacy

First-Year Fellow



"The TD fellowship at Biogen provides me the opportunity to work cross-functionally with a diverse clinical portfolio while gaining a comprehensive understanding of drug development through key functional rotations. I am grateful to collaborate closely with experienced leaders and passionate colleagues who support my professional growth and development."

Ayomide Kumapayi, PharmD

Albany College of Pharmacy and Health Science



US Marketing

About US Marketing

Sales and marketing teams work every day to ensure that patients, families, caregivers, and healthcare professionals have all the necessary information about medicines manufactured by Biogen. We work from a deep understanding of the science behind our therapies and the disease areas that they treat. At Biogen, marketing is essential to recognize customer needs and create best-in-class medicines. Biogen is rooted in a core focus on neuroscience and currently marketing medicines in 4 therapeutic areas: Multiple Sclerosis, Rare Diseases, Alzheimer's Disease, and Neuropsychiatry. The US Marketing Fellowship at Biogen offers a unique opportunity for Fellows to learn what it takes to commercialize a medicine and have a successful career in the biopharmaceutical field.

During the first year, fellows will develop an understanding of core marketing fundamentals, commercial operations, and business processes at Biogen. Fellows will work with cross-functional partners and field teams to develop a deep understanding of the patient journey and key customer insights. Fellows will support ongoing projects and lead new initiatives that help advance the strategic priorities of the brand. As fellows lead and take on more responsibility, they will learn about the US promotional review process and how to effectively execute key projects in a regulated environment.

During the second year, fellows will have the opportunity to rotate to another franchise to learn a new therapeutic area. As they build expertise, fellows will own brand projects from ideation to execution.

The US Marketing Fellowship provides PharmDs an opportunity to learn and develop critical business skills required to grow as a leader within a rapidly growing and innovative biotechnology company. This program strives to provide experiences that will launch their careers in the biotech & pharmaceutical industry.

Elective Options

The fellow will start their first year in the Rare Disease Franchise, then choose their second-year rotation from the following rotations with Neuropsychiatry or MS teams:

- HCP Marketing
- Consumer Marketing
- Peer-to-Peer Marketing
- Payer Marketing
- Market Insights

Fellowship Contact Information

usmarketingfellowship@biogen.com



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Program Timeline

Neuromuscular HCP Marketing
12 months

Alzheimer's or MS Marketing
12 months

Program Directors & Preceptors



"There is nothing more exciting than commercializing innovative treatments for some of the world's most devastating conditions. There are so many elements that go into successfully bringing a new medicine to market. PharmDs are in a unique position to leverage their scientific background and clinical training into tools to aid in strategic business decisions. The US Marketing fellowship at Biogen is a wonderful opportunity for fellows to develop and hone their skills as emerging commercial leaders in the industry."

Sundip Raval, PharmD

Vice President, Head of Marketing Rare Disease



"The US Marketing Fellowship provides Fellows with a unique opportunity to learn the fundamentals of pharmaceutical marketing and to continue to build upon and apply those learnings to make meaningful contributions across the marketing functions. This well-rounded experience provides a strong foundation for future success."

Kevin Yu, PharmD

Associate Director, Neuropsychiatry Marketing



"The US Marketing Fellowship offers fellows a chance to develop foundational marketing skills and make meaningful contributions to drive strategic projects. Through hands-on experience, fellows will cultivate the expertise needed to become future leaders in the biopharmaceutical industry."

Peggy Wang, PharmD

Associate Director, Friedreich Ataxia Marketing



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Second-Year Fellow



"The US Marketing fellowship has provided me a great opportunity to connect with and work alongside experienced and trail-blazing professionals in the field. Through this fellowship, I've been empowered to take on projects under the guidance of great mentorship and been able to gain insights on the market of rare diseases."

Elizabeth Ling, PharmD
University of Southern California

First-Year Fellow



"The US Marketing fellowship is fostering my growth as a strategic thinker. By working alongside an extremely talented team of leaders, I'm gaining a deep understanding of the rare disease market and developing the skills necessary to drive impactful commercial initiatives. This experience is equipping me with the tools to excel in the dynamic pharmaceutical industry and make a meaningful difference in the lives of patients."

Reed Timmer, PharmD, MBA
Drake University



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Global Safety

Not Recruiting

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

Second-Year Fellow



“Biogen’s fellowship program helped me develop a deep understanding for the various roles within global drug safety and other functional areas. Working alongside passionate leaders in this innovative environment has provided me with unique insights and learning experiences. This fellowship has allowed me to continue to build up fundamental skills that will support me in my career and make an impact in the biopharmaceutical industry. I am extremely grateful to be a part of Biogen family.”

Grace Mosallam, PharmD, RPh
MCPHS Boston, School of Pharmacy



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How to Apply

About MCPHS

MCPHS 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 offers programs that embody scholarship, professional service, and community outreach.

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



FACULTY PRECEPTORS

Dr. Ameer 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.



Ameer Mistry, PharmD, RPh
Director, Biopharmaceutical Industry Fellowship Program

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.



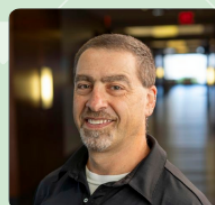
Michael Angelini, PharmD, BCPP
Professor of Pharmacy Practice



Cheryl Durand, PharmD
Professor of Pharmacy Practice



Phung On, PharmD, BCPS
Associate Professor of Pharmacy Practice



Michael Steinberg, PharmD, BCOP
Assistant Dean of Assessment & Professor of Pharmacy Practice



Kristine Willett, PharmD, RPh, FASHP
Assistant Dean of Student Engagement and Success



Cheryl Abel, PharmD, CLC
Assistant Dean of Pharmacy Academic Affairs and Operations, Professor of Pharmacy Practice



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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.

- 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 (i.e., TN, H-1B, STEM OPT, etc.).

Application Procedure

The MCPHS application portal (SMAApply) will open on **Monday, October 7, 2024**. Applicants must upload the following application materials to the online portal, (<https://mcphs.smapply.io/>) by **Monday, November 4, 2024**:

- Letter of intent
- Curriculum vitae
- Unofficial college transcript
- Contact information for three references. References will receive an electronic recommendation form to complete separately.
 - Three recommendation evaluation forms must be submitted no later than **November 20, 2024** via the online portal. This is NOT a letter of recommendation but an online form that the recommender will receive for completion from SMAApply.

Application Review and Interview Timeline

Following a review of submitted applications, pre-screens and preliminary interviews will begin in October. Additional interviews, including final rounds will take place in December during ASHP. Candidates will be notified if selected for an interview. The process is rigorous and competitive; therefore candidates should submit their applications well in advance of posted deadlines as priority will be given to those who apply early.

ASHP Midyear and Onsite Interviews

The fellowship program will be conducting **in-person interviews** at the ASHP Midyear Clinical Meeting in New Orleans, LA. Applicants are strongly encouraged to attend, but it is not required. Candidates attending in-person will not be able to interview without registering for both ASHP and PPS. Please refer to the ASHP & PPS website for registration details.

Top candidates may be invited for interviews at the sponsoring company's location.

AIFA First Offer Date

The choice of a Post-Doctoral Fellowship is an important decision. MCPHS, in conjunction with the Alliance of Industry Fellowship Associates (AIFA), has aligned to extend offers for Fellowships no earlier than **December 16th, 2024**. We believe this is a positive reflection of the cultures our Programs offer and that culture is a critical consideration in choice of Fellowship.

We hope that other academic and non-academic Fellowship Programs will NOT pressure candidates to accept offers prior to this aligned offer date.

Onboarding

Final candidates will be required to go through additional screening/onboarding as required by MCPHS.

Previous Biogen Fellows

Regulatory Affairs – Safety and Benefit Risk Management		
	Alumnus/Alumna	Current Position
2007 - 2009	Hamdan Almas, PharmD University of California San Francisco School of Pharmacy	Executive Director, US Sales Kite Pharma
	Benjamin Exter, PharmD Northeastern University Bouvé College of Health Sciences	Sr. Vice President, Pharmacovigilance and Regulatory Cogent Biosciences
2008 - 2010	Raymond Kim, PharmD University of California San Francisco School of Pharmacy	Medical Science Liaison Idorsia Pharmaceuticals Ltd.
	James Scanlon, PharmD, RPh Northeastern University Bouvé College of Health Sciences	Field Medical Director Pfizer
2009 - 2011	Amy Gangadharan, PharmD Northeastern University Bouvé College of Health Sciences	Head of Pharmacovigilance & Drug Safety Bicara Therapeutics
	Stephanie Fradette, PharmD Northeastern University Bouvé College of Health Sciences	Vice President, Head of Neuromuscular Development Unit Biogen
2010 - 2012	Desmond Murphy, PharmD, RPh Northeastern University Bouvé College of Health Sciences	North America Rare Disease Medical Affairs Lead Alnylam Pharmaceuticals
	Sara Snow, PharmD Shenandoah University School of Pharmacy	Head, Regulatory Affairs Strategy, Sobi - Swedish Orphan Biovitrum AB



Previous Biogen Fellows (Cont'd)

Regulatory Affairs – Safety and Benefit Risk Management (cont'd)		
2011 - 2013	Laura Hennessey, PharmD University of Southern California Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences	Independent Regulatory Consultant
2012 - 2014	Kimberly Price, PharmD, RPh MCPH University Worcester, School of Pharmacy	Senior Director, Medical Education and Training Sage Therapeutics
	Najma Saleem, PharmD MCPHS University Boston, School of Pharmacy	Medical Director, Global Medical Affairs Lead (Obesity) Amgen
2013 - 2015	Lauren Oliva, PharmD, RPh Rutgers University Ernest Mario School of Pharmacy	US Regulatory Policy Lead Biogen
	Grace Gill, PharmD University of California, Berkeley Temple University School of Pharmacy	Director, Regulatory Affairs Liaison Gilead Sciences
2014 - 2016	Theresa Foster, PharmD, RPh University of New England College of Pharmacy	Senior Director of Pharmacovigilance Ironwood Pharmaceuticals
	Martin Kwok, PharmD, RAC, RPh The Ohio State University College of Pharmacy	Senior Director, Regulatory Affairs Ironwood Pharmaceuticals
2015 - 2017	Colin Gillis, PharmD Northeastern University Bouve College of Health Sciences	Senior Director, Regulatory Strategy Beam Therapeutics
	Bhumi Patel, PharmD, MBAC University of the Sciences Philadelphia College of Pharmacy	Regulatory Global Labeling Lead (Oncology)



Previous Biogen Fellows (Cont'd)

Regulatory Affairs – Safety and Benefit Risk Management (cont'd)		
2016 - 2018	Tina Chhabra, PharmD Virginia Commonwealth University School of Pharmacy	Senior Manager FDA
	Kathy Lu, PharmD University of the Sciences Philadelphia College of Pharmacy	Associate Director, Global Labeling (Oncology) Merck & Co., Inc.
2016 - 2018	Tina Chhabra, PharmD Virginia Commonwealth University School of Pharmacy	Senior Manager FDA
2017 - 2019	Amanda Hall, PharmD Temple University School of Pharmacy	Associate Director, Global Labeling Strategy Lead Daiichi Sankyo, Inc.
	Brianne Fitzgerald, PharmD, RPh MCPHS University Boston, School of Pharmacy	Associate Director, Regulatory Affairs Sage Therapeutics
2018 - 2020	Lori (Yeterian) Sorial, PharmD, RPh MCPHS University Boston, School of Pharmacy	Senior Manager, Regulatory Strategy Moderna
	Patsy Casalino, PharmD MCPHS University Boston, School of Pharmacy	Associate Director MapLight Therapeutics
Global Safety		
2017 - 2019	Michael Ryan, PharmD MCPHS University Boston, School of Pharmacy	US Medical Director, Prostate Cancer Pfizer



Previous Biogen Fellows (Cont'd)

Global Safety (cont'd)		
2018 - 2020	Shrinal Patel, PharmD, RPh MCPHS University Boston, School of Pharmacy	Senior Safety Scientist Cerevel Therapeutics, LLC
2019 - 2021	Abigail Gardella, PharmD MCPHS University Manchester, School of Pharmacy	Pharmacovigilance Scientist Sanofi
2020 - 2022	Victoria Carr, PharmD, RPh MCPHS University Worcester, School of Pharmacy	Senior Manager, Global Safety Scientist, Medical Safety and Risk Management Agiros Pharmaceuticals
2021 - 2023	Anthony Rizk, PharmD MCPHS University Worcester, School of Pharmacy	Senior Manager, Pharmacovigilance Scientist Moderna
2022 - 2024	Grace Rong, PharmD, RPh University of Pittsburgh School of Pharmacy	Pharmacovigilance Scientist Amylyx Pharmaceuticals
Regulatory Affairs – Regulatory Strategy (previously Regulatory Sciences)		
2019 - 2021	Hannah Hoseyni, PharmD, RPh University of Pittsburgh School of Pharmacy	Senior Manager, Regulatory Strategy Biogen
2020 - 2022	Sarah Park, PharmD University of the Sciences Philadelphia College of Pharmacy	Medical Science Liaison Sanofi
2021 - 2023	Brandon Vassar, PharmD Florida A&M University College of Pharmacy and Pharmaceutical Sciences	Manager, Regulatory Affairs Advertising & Promotion Biogen
2022 - 2024	Neha Nadkarni, PharmD, RPh Rutgers University Ernest Mario School of Pharmacy	Manager, Regulatory Affairs Novo Nordisk



Previous Biogen Fellows (Cont'd)

Regulatory Affairs – Advertising and Promotion		
2011 – 2013	Georgina Lee, PharmD University of Southern California	Executive Director, Regulatory Affairs Advertising and Promotion Sage Therapeutics
2012 - 2014	Richard Lem, PharmD Rutgers University Ernest Mario School of Pharmacy	Director, International and UK Regulatory Affairs Advertising and Promotion Allergan Aesthetics
2013 - 2015	Sheila Kundu, PharmD University of the Sciences Philadelphia College of Pharmacy	Director, Regulatory Affairs Advertising & Promotion Gilead Sciences
2014 – 2016	Victor Lai, PharmD, RPh Rutgers University Ernest Mario School of Pharmacy	Director, Regulatory Affairs Advertising and Promotion Bayer
2015 - 2017	Kate Ho, PharmD, RPh Purdue University College of Pharmacy	Associate Director, Regulatory Affairs, Advertising and Promotion Gilead Sciences
2016 – 2018	Anita Kachappilly, PharmD St. John's University College of Pharmacy and Health Sciences	Senior Manager, Regulatory Affairs Advertising and Promotion Amgen
2017 – 2019	Kathleen Neumann, PharmD MCPHS University Boston, School of Pharmacy	Director, International Regulatory Affairs Advertising and Promotion AbbVie
2018 - 2020	Adaku Onwuzurumba, PharmD MCPHS University Worcester, School of Pharmacy	Associate Director Marketing, Rheumatology UCB
2019 – 2021	Nicholas Munafo, PharmD, MBA MCPHS University Boston, School of Pharmacy	Senior Manager, US Regulatory Advertising and Promotion AbbVie



Previous Biogen Fellows (Cont'd)

Regulatory Affairs – Advertising and Promotion (cont'd)		
2020 - 2022	Carly Schaechter, PharmD, RPh University of Pittsburgh School of Pharmacy	Senior Manager, Global Regulatory Advertising and Promotion Moderna
2021 – 2023	Sophia D'Alessandro, PharmD, RPh MCPHS University Boston, School of Pharmacy	Senior Manager, Regulatory Affairs US Advertising and Promotion AbbVie
	LeDea Bond, PharmD Florida A&M University College of Pharmacy	Manager, Regulatory Affairs US Advertising and Promotion AbbVie
Regulatory Affairs – Trial Master File/Clinical Trial Application		
2016 - 2018	April Nguyen, PharmD University of the Pacific Thomas J. Long School of Pharmacy and Health Sciences	Senior Global Regulatory Affairs Manager Biogen
2017 – 2019	Olivia Biasi, PharmD, RPh Notre Dame of Maryland University, School of Pharmacy	Senior Clinical TMF specialist Arcus Biosciences
2018 – 2020	Edwin Addai, PharmD, RPh MCPHS University Worcester, School of Pharmacy	Associate Director, Regulatory Strategy Beigene
Regulatory Affairs – Global Medical Writing		
2016 - 2018	Jihae Lim, PharmD Temple University School of Pharmacy	Associate Director, Global Labeling (Oncology) Merck
	Joseph Naggar, PharmD, RPh MCPHS University Boston, School of Pharmacy	Director Publication Management (Oncology) Merck



Previous Biogen Fellows (Cont'd)

Regulatory Affairs – Global Medical Writing (cont'd)		
2017 - 2018	Melissa Laracy, PharmD University of Connecticut School of Pharmacy	Principal Medical Writer Biogen
2018 – 2020	Jeffrey Roth, PharmD, RPh University of North Carolina Eshelman School of Pharmacy	Senior Medical Writer Biogen
2019 - 2021	Jayvir Dabhi, PharmD, MBA MCPHS University Boston, School of Pharmacy	Senior Manager, Global Regulatory Labeling Strategy Takeda
2020 - 2022	Danielle Pete, PharmD Ohio Northern University Raabe College of Pharmacy	Associate Principal Medical Writer Biogen
2021 - 2023	Diana Li, PharmD, RPh University of Pittsburgh School of Pharmacy	Senior Medical Writer Biogen
2022 - 2024	Peter Kim, PharmD, RPh Rutgers University Ernest Mario School of Pharmacy	Senior Medical Writer Biogen
US Marketing		
2022 - 2024	Chanel Hsiang, PharmD University of Michigan College of Pharmacy	Product Manager Kyowa Kirin, Inc
Worldwide Medical		
2012 - 2014	Jonathan Kendter, PharmD, MBA University of the Sciences Philadelphia College of Pharmacy	Medical Outcome Specialist CSL Behring
2013 - 2015	Manas Prasad, PharmD University of Connecticut School of Pharmacy	Medical Science Liaison Orchard Therapeutics

Previous Biogen Fellows (Cont'd)

Worldwide Medical (cont'd)		
2014 - 2016	Kyle Terpak, PharmD University of Michigan College of Pharmacy	Medical Science Liaison Novo Nordisk
2015 - 2017	Jonathan Wang, PharmD University of Pittsburgh School of Pharmacy	Director, Medical Communications BioCryst Pharmaceuticals, Inc.
2016 - 2018	Jinny Min, PharmD University of Michigan College of Pharmacy	Director, Medical Affairs Apellis Pharmaceuticals
	Melanie Standridge, PharmD Thomas Jefferson University College of Pharmacy	Associate Director, Medical Information Krystal Biotech
2017 - 2019	Tyler Lasky, PharmD Butler University College of Pharmacy & Health Sciences	Global Medical Director Biogen
	Anthony Zaki, PharmD Northeastern University Bouvé College of Health Sciences	Associate Director, Product Development & Commercialization Biogen
2018 - 2020	Stephanie Yin, PharmD, RPh The University of Texas at Austin College of Pharmacy	Senior Medical Science Liaison Neurocrine Biosciences
	Tucker Ward, PharmD MCPHS University Boston, School of Pharmacy	Drug Development Program Manager Argenx
2019 - 2021	Rohit Arjun Amarshi, PharmD, RPh Keck Graduate Institute School of Pharmacy and Health Sciences	Associate Director, Medical Science Liaison ANI Pharmaceuticals, Inc.
	Melissa Kang, PharmD University of Texas at Austin College of Pharmacy	Medical Science Liaison Biogen



Previous Biogen Fellows (Cont'd)

Worldwide Medical (cont'd)		
2020 - 2022	Emily Boesch, PharmD University of North Carolina Eshelman School of Pharmacy	Senior Manager, Global Scientific Communications Biogen
2021 - 2023	Kinyee Fong, PharmD University of California San Francisco UCSF School of Pharmacy	Senior Manager, US Medical Biogen
	Hannah Adair, PharmD, RPh The University of Texas at Austin College of Pharmacy	Medical Science Liaison Biogen
2022 - 2024	Isaac Yun, PharmD Northeastern University Bouv� College of Health Sciences	Medical Science Liaison AbbVie
	Sydney Yuen, PharmD Univeristy of Maryland College of Pharmacy	Manager, Scientific Communications, Solid Tumors Takeda
2023 - 2025	Juliana Gassmann, PharmD University of Colorado Skaggs School of Pharmacy & Pharmaceutical Sciences	Medical Science Liason, Neurology Bristol Myers Squibb
US Medical		
2015 – 2017	Kun Yang, PharmD University of Maryland School of Pharmacy	Co-Founder and CEO Pricklee
2016 – 2018	Jaanai Babb, PharmD Rutgers University Ernest Mario School of Pharmacy	Director, Market Access Strategy Bristol Myers Squibb
2017 – 2019	Alysa Redlich, PharmD, MBA University of Rhode Island College of Pharmacy	Associate Director, Medical Information Biogen

Previous Biogen Fellows (Cont'd)

US Medical (cont'd)		
2019 – 2021	Jenna Borowski University of Pittsburgh School of Pharmacy	Senior Manager, Payer Marketing Apellis Pharmaceuticals
	Auston Collins, PharmD The Ohio State University School of Pharmacy	Senior Manager, R&D communications Tango Therapeutics
2020 - 2022	Mary Zhang, PharmD University of Maryland School of Pharmacy	Medical Science Liaison Sanofi
	Donald Smith, PharmD, RPh University of Kansas School of Pharmacy	Medical Science Liaison Kyowa Kiren
2021 - 2023	McKenzie Stratton, PharmD University of Arizona School of Pharmacy	Senior Medical Manager, Scientific and Value Communications Biogen
2022 - 2024	Luna Adamo, PharmD University of Florida School of Pharmacy	Senior Product Manager, US Marketing Biogen
	Sarah Cinquepalmi University of Iowa College of Pharmacy	Medical Science Liaison Revvance
2023 – 2025	Georgia Matz, PharmD University of Arizona School of Pharmacy	Senior Manager, US Medical - Rare Disease Biogen
Therapeutics Development		
2020 - 2022	Julia Heo, PharmD University of Pittsburgh School of Pharmacy	Associate Medical Director, Clinical Development Dyne Therapeutics



Previous Biogen Fellows (Cont'd)

Therapeutics Development (cont'd)		
2021 – 2023	Dalton Lovins, PharmD, MS University of Kentucky School of Pharmacy	Medical Science Liaison Indivior
2022 – 2024	Christopher Nguyen, PharmD, RPh Chapman University School of Pharmacy	Manager, Clinical Sciences (Oncology) Regeneron





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**Thank you for considering the
Biogen PharmD Fellowship Program**

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