ALEXION®
AstraZeneca Rare Disease

ALEXION BIOPHARMACEUTICAL INDUSTRY

FELLOWSHIP PROGRAMS

GLOBAL MEDICAL COMMUNICATIONS–GLOBAL MEDICAL AFFAIRS

GLOBAL PATIENT SAFETY

GLOBAL REGULATORY AFFAIRS

GLOBAL VALUE, ACCESS & PRICING

US MEDICAL AFFAIRS

PHARMACEUTICAL DEVELOPMENT AND CLINICAL SUPPLY

US REVIEW & STRATEGY

SERVING PATIENTS IN 70 COUNTRIES

30+ YEARS OF LEADERSHIP IN RARE DISEASE

6 APPROVED THERAPIES

7 RARE DISEASES

ABOUT ALEXION

2024 CONTENTS

ALEXION HEADQUARTERS
Alexion is headquartered in Boston, Massachusetts. Each fellowship program is two years in duration and most will be based in Boston.

ABOUT

ALEXION

Alexion, AstraZeneca Rare Disease, is the group within AstraZeneca focused on rare diseases. Our mission is to transform the lives of people affected by rare diseases through the development and delivery of innovative medicines, as well as supportive technologies and healthcare services.

At Alexion, we invest in and value people who believe in the importance of our mission and understand what it takes to deliver on it. Our culture is rooted in integrity, inclusiveness, and our dedication to joining and supporting the communities in which we live and work.

Today, our internal research efforts focus on leveraging our 30+ years of leadership in rare disease. This knowledge allows us to innovate and evolve into new areas where there is great unmet need and opportunity to help patients and families fully live their best lives. Our development efforts focus on the core therapeutic areas of hematology, nephrology, neurology, metabolics, bone metabolism, cardiology and ophthalmology.

We continue to lead in complement science by exploring new targets, and expand beyond complement to strengthen our clinical-stage pipeline through internal and external development opportunities in our core areas.

Every day, people living with rare diseases, their caregivers, and families face fears of the unknown with courage, tenacity, and grace; we believe it is our responsibility to listen to, understand, and change their lives.

> At Alexion, the commitment to improving the lives of patients living with rare diseases creates an inspiring and motivational atmosphere across the organization."
>
> **CHRISTINA MILLER, PharmD, RPh**

WE FOLLOW THE SCIENCE

WE PUT PATIENTS FIRST

WE PLAY TO WIN

WE DO THE RIGHT THING

WE ARE ENTREPRENEURIAL

OUR

VALUES

Our culture values are the guiding principles behind why and how we do our important work

The work we do is guided by people affected by rare diseases. We are driven to continuously innovate and create meaningful value in all we do to help patients and families fully live their best lives.

OUR

COMMITMENT TO INCLUSION & DIVERSITY

We create a working environment where every employee has a sense of belonging, regardless of gender, race, ethnicity, religion, age, disability status or sexual orientation.

This includes equitable compensation, benefits and opportunities for development and advancement.

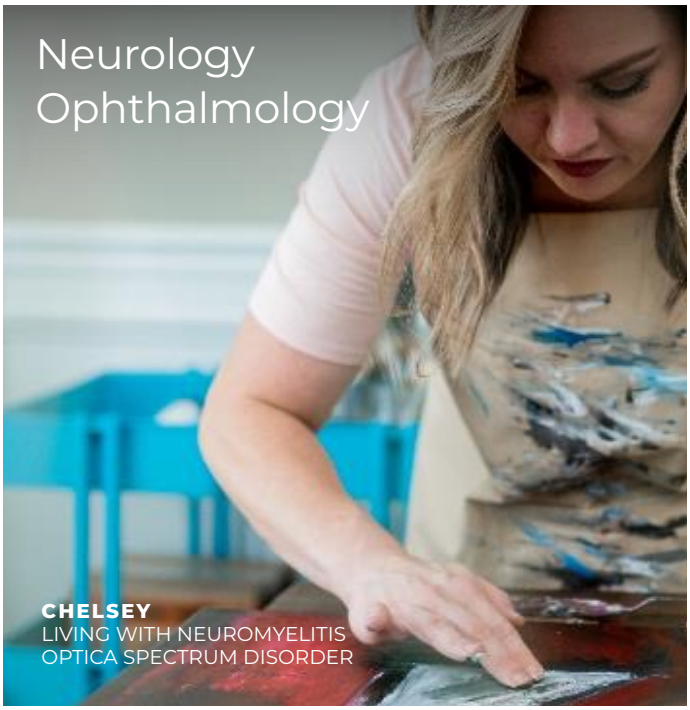
We believe that inclusion is a right and diversity is a strength. Both make a fundamental contribution to the success of our company because innovation requires breakthrough ideas that only come from a diverse workforce empowered to challenge conventional thinking.

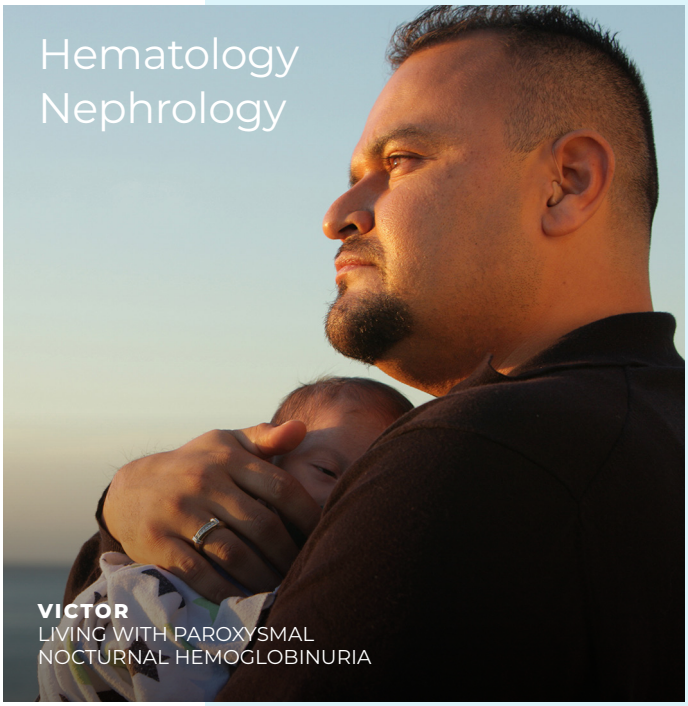
We believe our shared creativity unlocks challenges and brings new solutions. Incorporating Inclusion and Diversity (I&D) across all aspects of our organization is imperative to innovating for patients, continuous learning, and growing as individuals and as a company.

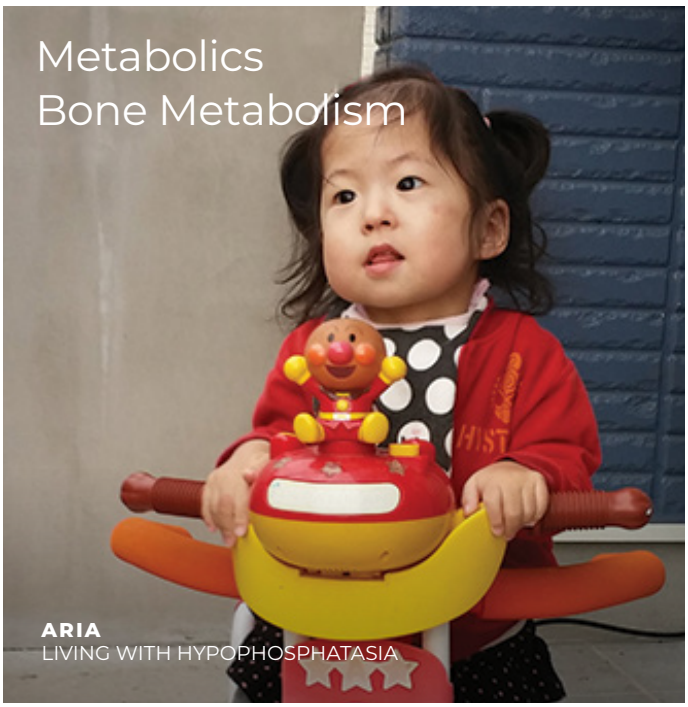
Inclusion and diversity is one of the foundations of our People strategy — driving innovation, engagement and a sense of connection and belonging. We focus on four areas:

- **EMPOWERING** inclusive leadership
- **FOSTERING** an environment where we each speak our minds
- **BUILDING** and sustaining a diverse leadership and talent pipeline
- **CONTRIBUTING** to society, which includes our commitments to supplier diversity, clinical trial diversity, and health equity

THERAPEUTIC AREAS







ALEXION/MCPHS

FELLOWSHIP PROGRAM

Alexion, in collaboration with MCPHS, is pleased to offer seven unique postdoctoral fellowship programs to candidates obtaining a Doctor of Pharmacy. Through this experience, fellows will gain exposure to the biopharmaceutical industry, enhancing their understanding and establishing a foundation as an industry professional.

GLOBAL MEDICAL COMMUNICATIONS– GLOBAL MEDICAL AFFAIRS

2 POSITIONS. BOSTON, MA

GLOBAL PATIENT SAFETY

1 POSITION. BOSTON, MA

GLOBAL REGULATORY AFFAIRS

1 POSITION. BOSTON, MA

GLOBAL VALUE, ACCESS & PRICING

1 POSITION. BOSTON, MA

US MEDICAL AFFAIRS

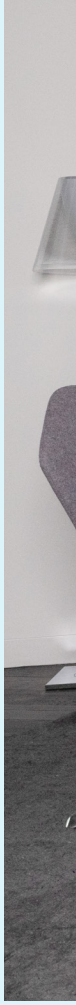
2 POSITIONS. BOSTON, MA

PHARMACEUTICAL DEVELOPMENT AND CLINICAL SUPPLY

1 POSITION. NEW HAVEN, CT

US REVIEW AND STRATEGY

1 POSITION. BOSTON, MA



> Over the past year at Alexion, I have been fortunate to work with talented and driven individuals who are invested in making meaningful impacts for people living with rare diseases everyday."

MORGAN LOH, PharmD

GLOBAL MEDICAL COMMUNICATIONS– GLOBAL MEDICAL AFFAIRS

2-YEAR PROGRAM

MEDICAL INFORMATION
9 MONTHS

MEDICAL REVIEW
9 MONTHS

ELECTIVE
6 MONTHS

This two-year program offers fellows the opportunity to gain extensive experience within Global Medical Communications and Global Medical Affairs in a fast-paced and patient-centric biopharmaceutical company focused on developing and delivering life-changing therapies for patients with rare diseases.

Second year fellows will have opportunities to choose an elective rotation. Fellows will be encouraged to identify areas of interest and seize opportunities to engage in impactful, longitudinal projects in various departments.

Global Medical Communications continues to play a critical role in raising awareness of the challenges of living with a rare disease."

CHRISTOPHE HOTERMANS

FOCUSED DEVELOPMENT

- Communication and Interpersonal Skills
- Collaborating for Solutions
- Medical and Scientific Expertise
- Project Management and Prioritization
- Strategic Thinking
- Driving for Results

Dear Prospective Fellow,

Thank you for your interest in the Alexion Fellowship Program in collaboration with Massachusetts College of Pharmacy and Health Sciences (MCPHS) University.

As we pursue our mission of transforming lives through the development of innovative therapies for patients with rare diseases in neurology, haematology, and other therapeutic areas—the Global Medical Affairs team, including Global Medical Communications, continues to play a critical role in serving these patients and raising awareness of the challenges of living with a rare disease.

I wish you the best of luck as you explore the available opportunities and encourage you to consider the Alexion Fellowship Programs.

Sincerely,

CHRISTOPHE HOTERMANS, MD, PhD

SENIOR VICE PRESIDENT, HEAD OF GLOBAL MEDICAL AFFAIRS, ALEXION, ASTRAZENECA RARE DISEASE

GLOBAL MEDICAL COMMUNICATIONS–GLOBAL MEDICAL AFFAIRS FELLOWSHIP TEAM

DIANE LAWSON, PharmD, RPh

FELLOWSHIP PROGRAM DIRECTOR; GMC-GMA PROGRAM LEAD

Diane Lawson is the therapeutic area lead for the Neurology Medical Information-Medical Review team, partnering with US and Global functions. Diane's 20-year pharmaceutical experience has consisted of various leadership positions managing medical publications, medical information, and R&D programs designed to advance biopharmaceutical careers for physicians and pharmacists new to industry. Prior to joining Alexion in 2018, Diane received her Bachelor of Science in Pharmacy at the University of Iowa, and her Doctor of Pharmacy from the University of Florida.

SASHA W. GALLAGHER, PharmD

GMC-GMA PRECEPTOR

Sasha W. Gallagher is the therapeutic area lead for Metabolics within the Global Medical Information-Medical Review team at Alexion. Sasha has more than 15 years of pharmaceutical industry experience in roles of increasing responsibility across clinical research, pharmacovigilance, medical information and medical review. Sasha received her Bachelor's degree in Neuroscience from the University of Virginia and her Doctor of Pharmacy degree from Virginia Commonwealth University.

AHSAN JAMIL, PharmD

GMC-GMA PRECEPTOR

Ahsan Jamil is the therapeutic area lead for Hematology & Nephrology within the Global Medical Information-Medical Review team. Ahsan has experience across various medical affairs roles and companies within the pharmaceutical industry. Prior to joining Alexion, his experience spanned several therapeutic areas including oncology, hematology, cardiovascular, metabolics, biosimilars, and general medicines. Ahsan received his Doctor of Pharmacy from Rutgers University.

FELLOWSHIP ROTATION 1

GLOBAL MEDICAL INFORMATION

- **DEVELOP** and deliver high-quality, balanced, and timely written or verbal medical and scientific information in response to requests from health care professionals and consumers
- **CONTRIBUTE** to the development and maintenance of medical information written responses to address a vast array of inquiries to aid HCPs in clinical decision-making
- **SUPPORT** Medical Information booth activities prior to, during, and after professional scientific meetings and medical congresses
- **PARTNER** with cross-functional teams (e.g., Medical Affairs, Marketing, Clinical Development, Competitive Intelligence, Pharmacovigilance, Biostatistics, Medical Training, Corporate Communications) to contribute to product launch activities, development of competitive readiness resources, and creation of medical information deliverables aligning with medical strategic initiative

FELLOWSHIP ROTATION 2

GLOBAL MEDICAL REVIEW

- **DEVELOP** strategic partnerships with stakeholders from Medical Affairs, Clinical Development, Regulatory Affairs, Legal, Marketing, Compliance, and others to support the development and approval of robust, compelling, and accurate materials for healthcare providers, patients, and other groups
- **PROVIDE** comprehensive medical review and consultative expertise for product launch campaigns, congress symposia, speaker decks, and other materials used by field Medical Affairs and Commercial colleagues
- **COLLABORATE** with subject matter experts across Medical Affairs and Clinical Development to ensure the content of promotional and medical materials is scientifically appropriate, clinically relevant, and aligned to company strategy
- **PARTICIPATE** in live meetings of Promotional and Medical Review Committees, which are comprised of a collaborative, cross-functional team including Medical, Legal, and Regulatory review colleagues and Commercial or Medical content creators

ELECTIVE ROTATION DESCRIPTION

Fellows will have the opportunity to choose an elective rotation. Rotational areas may include:

- Medical Science Liaison
- US Medical Affairs
- Regulatory Affairs
- Clinical Development
- Health Economics Outcomes Research
- Global Patient Safety
- Scientific Communications
- Medical Training

Alexion has built a team who is passionate about the growth of each individual fellow and dedicated to our successes."

NICOLE ALDOVER, PharmD

GLOBAL MEDICAL COMMUNICATIONS–GLOBAL MEDICAL AFFAIRS FELLOWSHIP TEAM

THO DAO, PharmD
SECOND-YEAR GMC-GMA FELLOW

"Alexion's efforts to prioritize patient needs through innovative therapies to serve the rare disease community is what drew me to the company. As a second-year fellow in the Global Medical Communications-Global Medical Affairs fellowship program, I have had the opportunity to make impactful contributions to the Medical Review and Medical Information teams. I continuously feel supported throughout my professional development thanks to the relationships I have fostered with my preceptors, mentors, and cross-functional partners. I look forward to continuing my development within the pharmaceutical industry at Alexion!"

CHRISTINA MILLER, PharmD, RPh
SECOND-YEAR GMC-GMA FELLOW

"At Alexion, the commitment to improving the lives of patients living with rare diseases creates an inspiring and motivational atmosphere across the organization. The Global Medical Communications-Global Medical Affairs Fellowship offers outstanding experiences in both medical information and medical review, in which I have had opportunities to develop subject matter expertise in the therapeutic area and collaborate with a variety of cross-functional partners. The team members are exceptionally supportive of my professional development, and I am confident that their mentorship in addition to my accomplishments will be valuable as I continue to advance my career in the pharmaceutical industry."

JULIA SETTLER, PharmD, MBA
SECOND-YEAR GMC-GMA FELLOW

"Alexion's devotion to improving the lives of patients living with rare diseases is fundamental to the fulfilling nature of this fellowship program. My preceptors have been eager to share their expertise and guidance; as a result, I have had the opportunity to expand my knowledge in the areas of medical information and medical review. The collaborative, engaging, and innovative culture within this company inspires a program that empowers fellows to maximize their potential within this field. During my first year as an Alexion fellow, I have been consistently impressed with Alexion's commitment to excellence and dedication to improving the lives of patients around the globe."

NICOLE ALDOVER, PharmD
FIRST-YEAR GMC-GMA FELLOW

"The people at Alexion are truly what make this fellowship special. I have received an endless amount of support, encouragement, and guidance since day one. Alexion has built a team who is passionate about the growth of each individual fellow and dedicated to our successes. I am confident that the cross-functional, rotational experiences and mentorship that the GMC-GMA program provides will only lead to furthering our personal goals and professional development. While witnessing their dedication in action, I am looking forward to being part of a team that collaborates to transform patients lives daily."

ZAHRA ARSALAN, PharmD
FIRST-YEAR GMC-GMA FELLOW

"It is a privilege to be working with a team that focuses on improving the quality of life for patients with rare diseases. I am excited to begin making a meaningful impact, guided by the knowledgeable and supportive team here at Alexion. I am grateful for the rotational opportunities this fellowship offers and look forward to the invaluable mentorship from industry professionals, which will be foundational to a fulfilling career in the pharmaceutical industry."

SATYAHARSHINI REDDY, PharmD
FIRST-YEAR GMC-GMA FELLOW

"Within my first few interactions with the Alexion team I immediately recognized that this was a program where collaboration and innovation are at the forefront of every action. This dynamic environment promises not only professional growth but also offers a valuable opportunity to make a meaningful impact in the field of rare diseases. I am eager to leverage my skills and learn from such a forward-thinking group."

GLOBAL PATIENT SAFETY

2-YEAR PROGRAM

ONBOARDING
~ 6 WEEKS

SAFETY SCIENTIST ROTATION 1: POST-MARKETING DRUG SAFETY
~5 MONTHS

SAFETY SCIENTIST ROTATION 2: CLINICAL DEVELOPMENT DRUG SAFETY
~5 MONTHS

ELECTIVE ROTATION*:
~1-3 MONTHS

RETURN TO SAFETY SCIENTIST ROTATION
~8 MONTHS

*Dependent upon interest and availability, the fellow may elect to rotate through additional areas within Safety or other functional areas (eg. Regulatory Affairs, Medical Affairs, Global Medical Communications, Epidemiology, HCP and Patient Marketing)

Global Patient Safety (GPS) provides continuous and proactive assessment, management and communication of patient risks associated with Alexion products. The department aims to optimize patient safety while complying with global regulatory requirements, being supported by an agile organization, and exemplifying rigorous process management.

THE ALEXION GLOBAL PATIENT SAFETY FELLOWSHIP WILL GIVE THE FELLOW THE OPPORTUNITY TO:

- **DEVELOP** the ability to think strategically and understand the role of Patient Safety in the lifecycle of products
- **UNDERSTAND** the benefit/risk balance of orphan drugs designed to treat devastating diseases
- **CULTIVATE** and utilize knowledge in international pharmacovigilance regulations and guidelines, to increase process effectiveness
- **PARTICIPATE** and engage in cross-functional team projects involving Commercial, Marketing, Medical Affairs and Regulatory Affairs to disseminate Global Patient Safety messages
- **UTILIZE** scientific knowledge and research skills to support safety surveillance and risk management decisions
- **DEVELOP** skills to communicate complex safety messages cross-functionally and influence decision making

KEY ASPECTS OF THE PROGRAM:

- This two-year program in the Global Patient Safety department at Alexion is designed to equip the fellow with the proper skillset to progress and have a successful career in the pharmaceutical industry
- The program consists of core experiences within Global Patient Safety and features the opportunity for the fellow to complete an elective rotation, within a separate functional area, depending on the interest of the fellow
- The program affords the fellow the unique opportunity to work on products that treat ultra-rare disease states with no other treatment options

“It’s an honor to be of service to patients with underserved and rare diseases”

ROSETTA TOLLEY, PharmD, RPh

Each year, Alexion, AstraZeneca Rare Disease, offers a fellowship that is designed to train the next generation of patient safety and pharmacovigilance professionals. This program aims to prepare fellows to contribute to the development of innovative therapies that can transform lives globally.

I am excited to welcome a new fellow that shares our goal of always putting patients first. This fellowship provides pharmacists with a unique opportunity to gain experience in patient safety across all therapeutic areas and lifecycles of Alexion products. Fellows will engage with various cross-functional teams, including clinical development, medical affairs, quality, and regulatory affairs, to gain a comprehensive understanding of the critical role of patient safety.

We seek colleagues who share our passion for alleviating the suffering of those with rare and underserved diseases and who are driven to ensure every patient's well-being is considered throughout the entire drug development process. Patient Safety enhances the lives of individuals living with rare diseases by thoroughly analyzing, understanding, and managing the benefit-risk profiles associated with our life-changing and life-saving therapies.

ARSHAD MUJEEBUDDIN, MD

VICE PRESIDENT OF PATIENT SAFETY
ALEXION, ASTRAZENECA RARE DISEASE

GLOBAL PATIENT SAFETY FELLOWSHIP TEAM

CYNTHIA CARRILLO-INFANTE, MD, PhD

GLOBAL PATIENT SAFETY PROGRAM LEAD

Cynthia Carrillo-Infante is a Physician Scientist with over 15 years of industry experience in Pharmacovigilance overseeing safety of products throughout their lifecycle. Her expertise includes safety of small molecules and monoclonal antibodies in a broad range of therapeutic areas (neurology, immunology, infectious diseases, hematology). Cynthia joined Alexion in 2016 and currently serves as Senior Medical Director in Global Patient Safety within the complement therapeutic area. Prior to joining Alexion, Cynthia worked at Biogen and Vertex Pharmaceuticals where she served as the safety physician lead for several products in development and on the market. Cynthia received her MD from the Panamerican University in Mexico City, Mexico and her PhD in molecular pathology from the University of Siena, Italy.

ASHLEE HORGAN, PharmD, RPh

GLOBAL PATIENT SAFETY PROGRAM LEAD

Ashlee Horgan is a Director, Safety Scientist in the Global Patient Safety team at Alexion. While actively reviewing the safety profile of multiple clinical development and marketed products to ensure that their benefit/risk profiles remain positive, Ashlee also leads patient safety process improvements to stay on top of evolving global regulations. Prior to joining Alexion, Ashlee worked in Drug Safety at Takeda Pharmaceuticals, and also spent time at Sanofi Genzyme where she completed a PharmD fellowship program and also worked as a Safety Scientist. Ashlee received her Doctor of Pharmacy from Albany College of Pharmacy and Health Sciences and her Graduate Certificate in Regulatory Affairs from Massachusetts College of Pharmacy and Health Sciences.

ROSETTA TOLLEY, PharmD, RPh

SECOND-YEAR GLOBAL PATIENT SAFETY FELLOW

"The value Alexion places on patients and their safety, the collaborative team dynamic, and the opportunities to grow and excel as an upcoming safety scientist made Alexion the perfect choice for me when I was looking for fellowships. Now over halfway through, I have had the opportunity to work in both the preclinical and post-marketing spaces, protecting patients through all stages of the drug development process. It's an honor to be of service to patients with underserved and rare diseases. I can't wait to see what I'll do next!"

BOBBY GJORSESKI, PharmD, RPh

FIRST-YEAR GLOBAL PATIENT SAFETY FELLOW

"What initially drew me to Alexion's GPS fellowship was the vast opportunities for professional development within the pharmaceutical industry, particularly in the rare disease space. Despite my lack of safety experience, I have been able to seamlessly transition from student life to a fellow thanks to the welcoming environment here at Alexion. I am looking forward to further expanding my patient safety knowledge to better support patients impacted by rare diseases."

GLOBAL REGULATORY AFFAIRS

2-YEAR PROGRAM

GLOBAL REGULATORY AFFAIRS OPPORTUNITIES

- Product Strategy
- Chemistry, Manufacturing, and Controls (CMC)
- Regulatory Labeling
- Regulatory Intelligence
- Regulatory Operations

Regulatory Affairs (RA) a function within Alexion's Development, Regulatory and Safety organization, is responsible for the design and execution of innovative regulatory strategies that drive the advancement and approval of their products to serve patients.

Through partnership with external stakeholders, RA colleagues make a positive contribution to the global regulatory environment and provide ongoing support of products that span the development cycle, with the highest degree of regulatory compliance.

The Alexion RA fellowship is designed to provide the fellow with hands-on exposure to a multitude of functions or specialties within RA and across products in the Complement, Metabolics, Bone & Cardiomyopathy, and New Modalities & Rare Cancers therapeutic areas. The fellow will have the opportunity to build a broad, robust foundation as a regulatory professional while directly contributing to the development of Alexion's products and the patients they serve. Throughout the program, the fellow will have the ability to tailor the program to their unique interests and overall professional development needs.

The fellow will be assigned to the project teams and will work with designated RA preceptors throughout core rotations in various sub-functions within regulatory.

"Regulatory affairs is a key strategic partner to health authorities and various functional teams within the company. We work across the drug development spectrum from research to post-marketing setting, ensuring that what we do every day brings life-changing therapies to patients."

SARAH RHEE

FOCUSED OBJECTIVES
YEAR 1

- **ASSIST** with the planning, development, review, approval, and updating of various documents critical to the success of Regulatory initiatives
- **SUPPORT** the Regulatory leads with their contributions to Regulatory projects and provide helpful insight and guidance
- **OBSERVE** how to develop Regulatory strategy and work successfully with cross-functional teams and US and global health authorities
- **GAIN** a solid understanding of the current Regulatory landscape, including relevant guidances, enforcement actions, and laws, rules, and/or regulations

FOCUSED OBJECTIVES
YEAR 2

- **REPRESENT** Regulatory as an integral member at cross-functional meetings by providing regulatory insight, owning action items, and contributing feedback and guidance on various documents and projects
- **LEAD** cross-functional teams through appropriate processes to comply with Regulatory driven commitments
- **SUPPORT** (and potentially drive) the planning, preparation, and submission of regulatory initiatives
- **SERVE** as the primary coordinator and Regulatory representative for US and global health authority interactions

The Global Regulatory Affairs (GRA)

fellowship has recruited and retained Pharmacy trainees across different regions for more than a decade and this fellowship program is an important step towards bringing in talented fellows to learn and acquire experience in the regulatory profession. In RA, we help Alexion shape the drug development story, translating our impactful science into innovative regulatory strategies to gain approval for treatments for patients with high unmet medical need, with the highest quality standards.

We champion diversity and inclusion in our teams, which are so important to foster innovation and develop new solutions for patients. We work across the drug development spectrum, ensuring that what we do every day will contribute to developing and bringing life changing therapies and improve the lives of patients and their families – all by a team of just over 200 people spread across 17 countries.

We are keen on inspiring and being inspired by Pharmacy Fellows who will help us achieve these goals! If you love learning and developing yourself through teamwork, if you are passionate about life sciences and the impact R&D can bring to patients suffering from rare diseases, this fellowship program is a unique opportunity for you!

SARAH RHEE, MS

VICE PRESIDENT, HEAD OF ALEXION REGULATORY AFFAIRS

GLOBAL REGULATORY AFFAIRS FELLOWSHIP TEAM

JETHRO EKUTA, DVM, PhD, RAC, FRAPS

GLOBAL REGULATORY AFFAIRS PROGRAM LEAD

Jethro is a Vice President of Global Regulatory Affairs at Alexion. He is an accomplished pharmaceutical executive with over 25 years of experience. Before he joined industry, Jethro was a Staff Fellow and Clinical Pharmacology Reviewer at the US Food and Drug Administration (FDA). Jethro holds the degree of Doctor of Veterinary Medicine (DVM) and received his Doctor of Philosophy (PhD) in Pharmacology and Toxicology from the University of Mississippi. He is certified in Regulatory Affairs (RAC) and is a Fellow of the Regulatory Affairs Professionals Society (FRAPS). He currently serves as President, Board of Directors Regulatory Affairs Professionals Society (RAPS).

ERICA LEE, RAC

GLOBAL REGULATORY AFFAIRS PRECEPTOR

Erica is a Director in the Global Regulatory Affairs, Regulatory Science & Execution group at Alexion. She is the global regulatory lead for programs in the Hematology/Nephrology therapeutic areas. She has more than 15 years of pharmaceutical experience in roles related to assay development and Regulatory strategy. Prior to Alexion, Erica worked at Shire Pharmaceuticals and Syntimmune, Inc. leading CMC strategy for rare diseases. Erica received her Bachelor of Arts in Biology and Chemistry at Clark University.

MICHELLE TAYLOR, MS

GLOBAL REGULATORY AFFAIRS PRECEPTOR

Michelle Taylor is a Senior Manager in the Global Regulatory Affairs, Global Labeling Operations group at Alexion. She supports the lifecycle management and CCDS compliance activities. She has 6 years of regulatory experience and has 6 years in Clinical Research experience. Prior to joining Alexion, Michelle worked at Shire and Brigham and Women's Hospital on the TIMI Study Group. Michelle received her Bachelor's Degree in Marketing from UMASS Boston and her Master's in Clinical Research at Emmanuel College.

MORGAN LOH, PharmD

SECOND-YEAR GLOBAL REGULATORY AFFAIRS FELLOW

"The rotational aspect of this program is especially unique – it allows its fellows to make meaningful connections and contributions in a variety of key regulatory sub-teams. I believe these multifaceted experiences cultivate your regulatory knowledge, paving the way to becoming a well-rounded regulatory professional. Over the past year at Alexion, I have been fortunate to work with talented and driven individuals who are invested in making meaningful impacts for people living with rare diseases everyday."

AMBER CONKLIN, PharmD

FIRST-YEAR GLOBAL REGULATORY AFFAIRS FELLOW

"The GRA Fellowship at Alexion offers a comprehensive experience across different functional areas within Regulatory Affairs, complete with mentorship and high-quality training to strengthen regulatory skills. Alexion's company culture fosters collaborative teams, enhancing our collective ability to make a significant impact in rare disease treatment. I knew that Alexion's fellowship program would support my professional development and give me the opportunity to engage with global teams focused on delivering new medicines to patients safely and effectively."

GLOBAL VALUE, ACCESS & PRICING

2-YEAR PROGRAM

GLOBAL VALUE, ACCESS & PRICING AND HEOR ENRICHMENT OPPORTUNITIES

- Input into protocol development
- Global Value Dossier & Value Story
- Strategic Life Cycle Management
- Evidence Generation Plan
- Economic model (CEA & BIM) development

MCPHS, in collaboration with Alexion, AstraZeneca Rare Disease is offering fellowship experience within Global Value, Access & Pricing (GVAP) with an enriched Health Economics & Outcomes Research (HEOR) experience.

Alexion, AstraZeneca's Rare Disease GVAP team is seeking a fellow to be part of a dynamic and growing team working in the metabolic portfolio. This is a strategic role leveraging your understanding and application of global healthcare, Health Technology Assessment (HTA) system knowledge, competitive insights, and clinical background to shape market access, pricing and reimbursement success for critical product launches and indications.

This fellowship provides a unique opportunity to develop an expertise in the cross-section of GVAP & HEOR. Global market access and health economics are complementary functions with HTA/payers as the core stakeholder and this fellowship is designed to combine the strategic components of HEOR and apply them to real-world global market access problems. As a fellow, you will learn to lead the development and execution of value, access, and price strategies for launch assets to support patient access to our medicines. As key parts of the development team, we help shape the clinical development program, develop value propositions that help inform evidence generation activities, and establish pricing recommendations for products in our portfolio.

FOCUSED OBJECTIVES

VALUE, ACCESS & PRICING

- **SUPPORT** development of differentiated target product profile that fulfills cross stakeholder needs aligned to robust value proposition
- **DEVELOP** global pricing and reimbursement (P&R) strategies and framework in close collaboration with launch and program teams
- **CREATE** and roll out value and access communication tools and materials to support local P&R submissions and negotiations
- **CULTIVATE** understanding of global health care, HTA systems, and latest developing trends especially within rare disease

FOCUSED OBJECTIVES

HEALTH ECONOMICS & OUTCOMES RESEARCH

- **COMPREHENSIVE** understanding of what evidence payers value across market/payer archetypes
- **FUNDAMENTALS** of economic modeling bridging to appreciation of level of evidence needed from payer perspective
- **INFLUENCING** trial design, outcomes, and endpoint strategy to support payer needs
- **EXPOSURE** to different methodologies to quantify and fill evidence gaps including burden of disease & unmet need

We are thrilled that the Global Value, Access & Pricing (GVAP) team will be continuing this fellowship program in collaboration with MCPHS. We are committed to mentoring new talent within our organization and this accelerated development program will offer a hands-on opportunity to gain a skillset needed to become a future market access leader.

PIERRICK ROLLET

VICE PRESIDENT OF GLOBAL VALUE, ACCESS & PRICING EXECUTIVE SPONSOR, ALEXION, ASTRAZENECA RARE DISEASE

> **Join a highly driven team. We are committed to providing sustainable access to breakthrough innovative rare diseases therapies. Our work transforms the lives of patients and their families impacted by rare, debilitating diseases."**
>
> PIERRICK ROLLET

GVAP & HEOR TEAM

SIMU THOMAS, M Pharm, MS, PhD

VP, GLOBAL HEAD, HEOR, MEDICAL COMMUNICATION, AND TRAINING

Simu is the VP and Global Head of HEOR at Alexion Pharmaceuticals. He has authored more than 35 manuscripts and 75 congress presentations and co-authored book chapters in the field of Health Economics. Simu holds a PhD in Pharmaceutical Economics from the University of Maryland and MS in Pharmacy Administration from the University of Toledo and Pharmacy degrees. Simu also serves as Adjunct Assistant Professor at University of Maryland and Rutgers University of New Jersey.

JENNIFER POCOSKI, PharmD

HEAD OF GLOBAL BONE, RARE ONCOLOGY, & METABOLICS ACCESS AND PRICING

Jennifer is currently the Global Value, Access & Pricing Head for the metabolic portfolio. Jennifer has held several positions within the access and health economics over the last 15 years. She completed her two-year fellowship at Bayer Pharmaceuticals in Medical Affairs and Health Economics. She received her PharmD from Northeastern University.

KRYSTAL HUEY, PharmD, MS

GLOBAL VALUE, ACCESS & PRICING PRECEPTOR

Krystal is currently the Global Value, Access & Pricing lead for the metabolics programs. She completed her two-year fellowship at Celgene/BMS in HEOR and GVAP. She received her PharmD from Northeastern University and her MS in Health Outcomes, Policy and Economics from Rutgers University.

CRAIG WAKEFORD, BA, MA

GLOBAL HEALTH ECONOMICS OUTCOMES RESEARCH, META+ SENIOR DIRECTOR

Craig is currently the Senior Director of HEOR at Alexion. He holds a B.A. in Economics from the University of Toronto and a Masters in Economics from the University of Ottawa. He has held multiple positions within HEOR and Access in the past 10 years across multiple therapeutic areas.

CURRENT FELLOWS

SAIRA JATOI, PharmD

SECOND-YEAR GVAP FELLOW

"As the inaugural GVAP fellow at Alexion, I am grateful to be part of a team that is enthusiastic about providing me learning opportunities to develop professionally in the Market Access space. The HEOR enrichment aspect of the program gives me the chance to work cross-functionally and broaden my knowledge base. I am honored to be part of a team dedicated to aiding patients with rare diseases."

COURTNEY SMITH, PharmD

FIRST-YEAR GVAP FELLOW

"The Global Value, Access, and Pricing fellowship at Alexion is unique in that the program offers exposure to complementary fields, equipping the fellow with a comprehensive experience in optimal market access strategy. I am looking forward to learning from a highly experienced team, gaining tangible experience tackling complex challenges, and collaborating cross-functionally to ensure sustainable patient access to rare disease medications."

US MEDICAL AFFAIRS (USMA)

2-YEAR PROGRAM

US MEDICAL AFFAIRS

US MEDICAL EXCELLENCE	US MEDICAL DIRECTOR	US MEDICAL SCIENCE LIAISON	ELECTIVE
6 MONTHS	6 MONTHS	6 MONTHS	6 MONTHS

USMA is a rotational program with 6-month rotations in US Medical Excellence, US Medical Director, and US Medical Science Liaison positions. The schedule for core rotations will be individualized, to align the fellow with major developments within Alexion. The program also allows for a final 6-month elective rotation in any area the fellow desires.

CORE ROTATION DESCRIPTIONS

US MEDICAL EXCELLENCE

Under the guidance of the Medical Communications Leads

- Develop and update scientific field materials and develop an understanding of the medical review process
- Participate in the planning and execution of USMA activities at national medical congresses
- Identify, develop, and execute trainings to increase scientific knowledge and skill development
- Work on special projects as needed, which further strategic imperatives

US MEDICAL DIRECTOR

- Develop leadership skills and fundamental knowledge in the area of strategic planning
- Support Medical Directors on tactical implementation of key program initiatives
- Participate in cross-functional projects to create internal and external deliverables
- Contribute to strategic activities including advisory boards, evidence generation, publication planning and competitive differentiation

US MEDICAL SCIENCE LIAISON

- Participate in Medical Science Liaison (MSL) onboarding and certification
- Provide medical support at medical congresses via abstract coverage, booth staffing and Key Opinion Leader (KOL) engagement
- Actively participate with MSLs in their field engagements
- Observe and learn from USMA leadership

ELECTIVE ROTATION DESCRIPTION

The fellow will have the opportunity to extend one or more of the core rotations, or select an elective, 6-month rotation either within USMA or another functional area. Rotational areas may include but are not limited to:

- US Regulatory Advertising and Compliance
- Quality Affairs
- Global Medical Affairs
- Clinical Development
- Global Patient Safety (Pharmacovigilance)
- Commercial
- US Medical Affairs Pipeline
- US Medical Review
- Scientific Communications
- Health Economics and Outcomes Research
- Field Systems and Analytics
- Medical Information

Dear Prospective Fellow,

We are excited to recruit and mentor new talent within the US Medical Affairs team. This fellowship represents our commitment to advancing medical research and fostering the next generation of leaders in the field. By providing unparalleled resources and mentorship, we empower fellows to drive innovation and make meaningful contributions to patient care. We are looking for passionate individuals to join our team who embody the innovative spirit to break barriers for our patients living with rare diseases.

NAEEM KHAN

VICE PRESIDENT - US MEDICAL AFFAIRS

> By providing unparalleled resources and mentorship, we empower fellows to drive innovation and make meaningful contributions to patient care."
>
> NAEEM KHAN

US MEDICAL AFFAIRS (USMA) TEAM

MICHELLE CIAMBELLA, PharmD, RPh

US MEDICAL COMMUNICATIONS LEAD - NF1
USMA FELLOWSHIP PROGRAM LEAD

Michelle graduated in 2020 from the University of Arizona and came to Alexion via a two-year fellowship in the GMC/GMA program. She has found a home in US Medical Affairs as the Medical Communications Lead for NF1. She combines a passion for teaching and science to create best-in-class scientific educational content for HCPs. She is committed to the success of all fellows and can be found hosting learning opportunities.

PENNIE MOORE, PharmD, RPh

SENIOR MEDICAL SCIENCE LIAISON – HEMATOLOGY/ NEPHROLOGY

Pennie has 22 years of practice in the health care setting as a Critical Care Clinical Pharmacist and Director of Pharmacy and 6+ years in the pharmaceutical industry working in medical affairs. Pennie has served as a preceptor for pharmacy students and residents as well as a mentor for medical residents. She has a passion for the advancement of patient-care services and continually improving the quality of experiential teaching within the profession of pharmacy and now within the pharmaceutical industry. She is currently a Senior MSL for Hematology and Nephrology and has won Alexion's Excellence Award five times while at Alexion.

CHLOE SADER, PharmD, RPh

SENIOR MEDICAL DIRECTOR, USMA NEUROLOGY (GMG)

Chloe has 16+ years of experience in the pharma/biopharma industry. Having started as an intern during pharmacy school, she subsequently charted the course through Global & US Medical Affairs to her current role as Senior Medical Director. In this role, she is responsible for leading the strategic development and execution of the myasthenia gravis rare disease program in the US, working closely with cross-functional teams, global medical, and neurology field medical. Chloe enjoys serving as a mentor and helping individuals lean into their full potential.

CURRENT FELLOWS

RADA ZUNICH, PharmD, RPh

SECOND-YEAR US MEDICAL AFFAIRS FELLOW

"The rotational nature of this fellowship has provided many valuable experiences that have contributed to my development as a young professional in the pharmaceutical industry. I have had the opportunity to develop scientific field materials, assist with strategic planning, and engage with key opinion leaders in a variety of settings, including advisory boards and congresses. I am beyond grateful to work alongside incredible people who are dedicated to putting our patients first."

SAWYER PATRICK, PharmD, RPh

FIRST-YEAR US MEDICAL AFFAIRS FELLOW

"Upon meeting the team at Alexion, I knew this fellowship was the perfect fit for me. Combined with ultra-rare disease exposure and expert mentorship, I will be exposed to multiple areas of Medical Affairs in a field that requires constant innovation. Since my start at Alexion, I have been supported by my preceptors and encouraged to create goals for myself to complete over the duration of my fellowship. Looking forward, I am eager to collaborate on multiple cross-functional projects and champion new solutions for our patients."

PHARMACEUTICAL DEVELOPMENT AND CLINICAL SUPPLY

BASED IN NEW HAVEN, CT

2-YEAR PROGRAM

ONBOARDING + CLINICAL SUPPLY MANAGEMENT
6 MONTHS

DEVELOPMENT SUPPLY QUALITY
3 MONTHS

INTERACTIVE RESPONSE TECHNOLOGY
2 MONTHS

INJECTABLES DRUG PRODUCT DEVELOPMENT
1 MONTH

ELECTIVE(S)
12 MONTHS

The Pharmaceutical Development & Clinical Supply (PDCS) fellowship is designed to provide fellows the opportunity to collaborate cross-functionally, build leadership skills through applied, hands-on experience, and develop strong relationships with biopharmaceutical industry leaders. Through their participation, fellows will build their subject matter expertise and be committed partners in advancing Alexion's mission and values.

CORE ROTATION DESCRIPTIONS

CLINICAL SUPPLY MANAGEMENT

- Oversee contract manufacturing packaging, labeling, and international shipping/distribution operations for Investigational Medicinal Product (IMP) ensuring on time delivery to support clinical trials
- Work with Clinical Operations, Quality Assurance (QA) and Regulatory to develop kits and label text for multiple countries/ regions and provide support for Investigational New Drug (IND) filings as required.
- Manage development of pharmacy manuals with appropriate internal subject matter experts.
- Prepare supply and cost forecasts as required. Identify cost reduction opportunities and develop and manage clinical supply budget

DEVELOPMENT SUPPLY QUALITY

- Ensure quality oversight linked to risk management, change control implementation, deviation/ investigation review, Corrective and Preventive Actions (CAPAs), periodic review of trial master file (TMF), damaged kit report disposition, site to site transfer of investigational product (IP) approval, Quality Check (QC) review and approval of clinical study medication list generation/ site labeling operations, oversight of temperature excursion assessments.
- Support review, approval, and maintenance of pharmacy manuals across all applicable studies.
- Subject-Matter Expert (SME)/point of contact for clinical sites and Health Authority inspections.
- Quality contact approval of process improvements/periodic review for PDCS related procedures.

INTERACTIVE RESPONSE TECHNOLOGY (IRT)

- Support cross functional, global study teams in the end-to-end set-up, delivery, maintenance, and archival of IRT systems as the IRT subject matter expert
- Coordinating with and managing the IRT vendor on delivering IRT systems in adherence to study timelines, IRT standards, and in accordance to regulatory requirements and guidelines
- Ensuring user acceptance testing (UAT) is performed as needed including authoring UAT test plans, coordinating with the IRT vendor on delivery and support, and supporting the study team on UAT

At Alexion, we are committed to building a world-class organization and our people are our greatest asset for creating those opportunities of growth, learning, and collaboration. Our partnership with MCPHS and its fellowship program is an exciting opportunity because it accelerates that impact and allows fellows to learn firsthand through supporting Alexion's clinical studies.

The mentorship and support that fellows will receive through this partnership is unparalleled and will showcase our great talent and commitment to individual learning and growth.

The Pharmaceutical Development and Clinical Supply team is committed to supporting Alexion's clinical studies with the highest level of service and treatment for our patients. Clinical Supply for rare disease indications present nuanced challenges that pave the way for innovative thinking. By joining Alexion, you will become part of a larger team and community, one steeped in patient-centered care and cutting-edge science.

MARK SWIFT, BS, JD

EXECUTIVE DIRECTOR & HEAD, CLINICAL SUPPLY AND EXTERNAL MANUFACTURING ALEXION, ASTRAZENECA RARE DISEASE

> "By joining Alexion, you will become part of a larger team and community, one steeped in patient-centered care and cutting-edge science."
>
> MARK SWIFT

PHARMACEUTICAL DEVELOPMENT AND CLINICAL SUPPLY FELLOWSHIP TEAM

RAYHAN SHAIKH, PharmD, BCSCP, RPh, MBA

PHARMACEUTICAL DEVELOPMENT AND CLINICAL SUPPLY PROGRAM LEAD

Rayhan is an Associate Director in Clinical Supply Management and the PDCS fellowship lead. Rayhan has 12+ years of clinical hospital experience as well as 8 years of global product development and clinical supply experience. He received his PharmD from the University of Connecticut and his MBA from the University of Rhode Island.

CHRISTIN LABELLE, BA, MPH

CLINICAL SUPPLY QUALITY LEAD

Christin is a Senior Specialist in Development Supply Quality and has 20 years of experience in the Pharma Industry. Her experience includes quality control/assurance, Pharmacovigilance, clinical research, and training. She received her MPH in Epidemiology from the Boston University School of Public Health and her BA in Neuroscience from Wheaton College.

IMRAN SHAKUR, BS

IRT AND TECHNOLOGY PRECEPTOR

Imran is the Director of PDCS Clinical Supply IRT and Technology Lead at Alexion. Imran has over 20 years of experience in clinical research focusing on technology in clinical supply chain systems and IRT/RTSM. Imran began his career working on the vendor side of the IRT/RTSM business as Project Manager and eventually moved to the Sponsor side working at companies that include Takeda, Boehringer Ingelheim, and Biogen.

KATIRIA FLORES, BS, MS, PhD

INJECTABLES DRUG PRODUCT DEVELOPMENT PRECEPTOR

Katiria is a Senior Scientist in the Injectables Drug Product Development. Katiria has 7 years of experience leading the clinical in-use compatibility studies. Her work has supported intravenous and subcutaneous drug product administration for 12 Alexion products in different cycles/phases. Katiria received her BS in Industrial Microbiology from the University of Puerto Rico and her MS and PhD in Physiology and Neurobiology from the University of Connecticut.

AISHA KHOKHAR, PharmD, MHS

FIRST-YEAR PHARMACEUTICAL DEVELOPMENT AND CLINICAL SUPPLY FELLOW

"I am thrilled to join Alexion as the inaugural PDCS fellow. With a PharmD and MHS in Clinical Research, my background spans retail and institutional pharmacy, as well as some time at the FDA, but my true passion lies in pharmaceutical research. From day one, the supportive and inclusive team at Alexion has empowered me to feel confident in my role. I am excited to contribute to Alexion's diverse pipeline and make a meaningful impact in treatments for rare diseases."

US REVIEW AND STRATEGY

2-YEAR PROGRAM

US AD PROMO
6 MONTHS

US MEDICAL DIRECTOR
6 MONTHS

US MEDICAL REVIEW
6 MONTHS

ELECTIVE
6 MONTHS

US Review and Strategy is a rotational program with 6-month rotations in US Advertising and Promotional Compliance (Ad Promo), US Medical Director, and US Medical Review. The schedule for core rotations will be individualized, to align the fellow with major developments within Alexion. The program also allows for a final 6-month elective rotation in any area the fellow desires.

CORE ROTATION DESCRIPTIONS

US AD PROMO

- Provide strategic, high-quality, timely and decisive advice on advertising and promotional materials, communications, and company activities in accordance with FDA regulations, company policies, and business goals
- Support the dissemination of new or updated FDA policies, enforcement actions or guidance documents
- Support regulatory leads on projects and initiatives
- Assist and support 2253 submissions to the Office of Prescription Drug Promotion (OPDP)

US MEDICAL DIRECTOR

- Develop leadership skills and fundamental knowledge in the area of strategic planning
- Support Medical Directors on tactical implementation of key program initiatives
- Participate in cross-functional projects to create internal and external deliverables
- Contribute to strategic activities including advisory boards, evidence generation, publication planning and competitive differentiation

US MEDICAL REVIEW

- Develop mastery of clinical data and regulations regarding promotion and scientific exchange
- Demonstrate subject matter expertise in both disease state and product(s) by actively participating in promotional review and medical review committee meetings and defending any comments
- Support, collaborate, and provide guidance to/with cross-functional partners
- Support, attend, and provide guidance for any promotional video shoots

ELECTIVE ROTATION DESCRIPTION

The fellow will have the opportunity to extend one or more of the core rotations, or select an elective, 6-month rotation either within USMA or another functional area. Rotational areas may include but are not limited to:

- US Medical Science Liaison
- Medical Information
- Global Medical Affairs
- Clinical Development
- Global Patient Safety (Pharmacovigilance)
- Commercial
- US Medical Affairs Pipeline
- Scientific Communications
- Health Economics and Outcomes Research
- Field Systems and Analytics

The USMA, US Medical Review and US Advertising and Promotional Compliance teams are thrilled to announce a new fellowship program at Alexion, in partnership with MCPHS.

This initiative reflects our dedication to nurturing emerging talent within our organization and engaging enthusiastic individuals to lead the expansion of our team. This innovative program is designed to offer a comprehensive and immersive experience in navigating the complexities of medical and regulatory landscapes.

Fellows will gain hands-on experience, work closely with industry experts, and develop critical skills needed to excel in these pivotal areas.

We look forward to supporting the professional growth of the next generation of leaders in medical and regulatory review through this exciting opportunity.

US REVIEW AND STRATEGY FELLOWSHIP TEAM

MATTHEW MAULIS, PharmD

US REVIEW AND STRATEGY PROGRAM LEAD

Matthew is an Associate Director and currently supports US Medical Review within the hematology & nephrology therapeutic area, serving as the lead hematology medical reviewer. He received his PharmD from Lipscomb University in 2018 and completed a post-doctoral fellowship in Medical Information & Medical Affairs with Sunovion Pharmaceuticals and MCPHS University. After completing his fellowship, he remained at Sunovion, and served as both a preceptor and director of their fellowship program. Matthew enjoys mentoring fellows and assisting them in discovering their path within the industry and ensuring they have all the tools necessary for a successful career within the industry.

MICHELLE BELLIVEAU, MLS, MSRA

REGULATORY ADVERTISING AND PROMOTIONAL COMPLIANCE

Michelle Belliveau works within US Medical Affairs, providing Regulatory Advertising and Promotional Compliance support for marketed and investigational products within the Rare Disease Business Unit, primarily focusing on therapeutic areas within metabolics. Prior to working at Alexion, AstraZeneca Rare Disease, other industry experience included Takeda Pharmaceuticals, supporting the Oncology Business Unit in various roles within Regulatory Affairs, Marketing, and Quality Assurance. Michelle attended Massachusetts College of Pharmacy and Health Sciences obtaining a Masters in Regulatory Affairs and Health Policy, as well as Simmons College, obtaining a Masters in Library and Information Science with a specialization in Archives Management, working within multiple libraries within Boston, MA.

ALYSSA BOWLING, PharmD, RPh

ASSOCIATE MEDICAL DIRECTOR, NF-1

Alyssa has 8+ years of experience in the pharmaceutical industry. After graduating from the University of Michigan she completed a fellowship in Medical Affairs at Sunovion Pharmaceuticals through MCPHS. She spent a few years in Scientific Communications before moving into Medical Strategy-focused roles, and now serves as an Associate Medical Director for NF-1. Alyssa enjoys helping fellows take advantage of all the opportunities the program provides and doing her part to set fellows up for a successful career in the industry.

REFLECTIONS FROM PAST FELLOWS

GABRIELA MARCHEVA, PharmD 2017–2019

GLOBAL LIFE CYCLE MANAGEMENT DIRECTOR, IMMUNE THROMBOTIC THROMBOCYTOPENIA PURPURA AT SANOFI

"Through the two-year Alexion fellowship program, I was able to dive deep into a variety of meaningful projects with ambitious cross- functional teams, and the skills I started developing led me to where I am today in my current role. Active involvement as a fellow is the key to success, and I strongly encourage taking every possible opportunity to lead projects and engage with team members."

ADAM QUICQUARO, PharmD 2018–2020

ASSOCIATE DIRECTOR, CLINICAL DEVELOPMENT SCIENCES AT ALEXION

"The Alexion Fellowship program exposed me to a unique variety of cross-functional experiences that allowed me to develop a broad skillset which truly prepared me for my current role today. It also provided a stimulating work environment that fostered my development as a professional and offered me the opportunity to serve rare disease patients with unmet medical needs."

MATTHEW LUEN, PharmD 2018–2020

HCP MARKETING AT AMGEN

"The Alexion fellowship program was a great opportunity to learn from and contribute to many different teams. Throughout my fellowship experience, I was able to work in both medical and commercial facing functions to solve complex challenges, and ultimately provide the best solutions for patients."

KATIE SWANNER, PharmD 2019–2021

DIRECTOR, MEDICAL AFFAIRS AT INOZYME PHARMA

"The Alexion GMC/GMA fellowship program allowed me to explore multiple functions while equipping me with the valuable skill sets that I use today, including cross-functional collaboration, project management, and communication of scientific literature."

DIAN LIN, PharmD 2019–2021

SENIOR MANAGER, PAYER AND CHANNEL MARKETING AT BIOGEN

"The Alexion fellowship program has given me the unique opportunity to gain extensive experience in Medical Communications, Medical Affairs, and Payer Marketing. The rotational aspect of the fellowship has allowed me to build upon my therapeutic area knowledge and core competencies to engage in cross- function medical and commercial activities that best serve patients with rare disease."

ALEXANDRA MARESH, PharmD, RPh 2020–2022

ASSOCIATE DIRECTOR, US MEDICAL REVIEW AT ALEXION

"Working with such passionate, motivated individuals throughout my fellowship solidified my desire to stay on as a full-time member of the team. I feel very fortunate to have gained experience learning from so many skilled mentors who always provided me with support and encouragement."

CALANTHA YAN, PharmD, RPh 2020–2022

SENIOR SAFETY SCIENTIST AT SEAGEN

"The fellowship at Alexion, AstraZeneca Rare Disease was a great way to jumpstart my career in the pharmaceutical industry! The vast majority of my training was focused on drug safety, but I also gained cross-functional exposure during my time in the program. These experiences strengthened my understanding of the role of the safety scientist as well as broadened my perspective of how the functional areas work together. The knowledge that I acquired shaped me into a valuable candidate upon the conclusion of my training."

CHRISTINE BORUNDA, PharmD, RPh 2020–2022

MEDICAL SCIENCE LIAISON IN NEUROLOGY AT ALEXION

"The opportunity to train hands-on in multiple functional areas allowed me to understand each team's role in the bigger scheme of things. This ultimately granted freedom to explore different types of work and align my interest to my current role."

MICHELLE CIAMBELLA, PharmD, RPh 2020–2022
MEDICAL COMMUNICATIONS LEAD FOR META+ NF1-PN AT ALEXION

"The fellowship provided me with many meaningful experiences that prepared me for my full-time position. I'm grateful for the opportunity and all the friendships I made as well as the mentoring I received at Alexion."

MICHAEL MCDERMOTT, PharmD, RPh 2021–2023
SENIOR MANAGER, SAFETY SCIENTIST AT ALEXION

"The Patient Safety fellowship program was an invaluable experience that propelled my career in the biopharmaceutical industry. Through thoughtful mentorship and hands-on training, I gained the knowledge and skills needed to navigate the complex landscape of the pharmacovigilance, ultimately allowing me to have an meaningful impact on patient safety."

ALEXANDRA BURGER, PharmD 2021–2023
SENIOR MANAGER, PAYER AND CHANNEL MARKETING AT ALEXION

"The Alexion, AstraZeneca Rare Disease fellowship program equipped me with valuable experiences that readied me for my full-time role. I feel incredibly lucky to have had the opportunity to learn from numerous mentors who consistently offered me unwavering support and motivation."

JANKI PATEL, PharmD, RPh 2022-2024
SENIOR MANAGER, SAFETY SCIENTIST AT ALEXION

"The Global Patient Safety fellowship gave me a strong foundation of experiences needed to excel in a career in pharmacovigilance. The Alexion fellowship program is filled with passionate and knowledgeable mentors that are one of a kind and have made my first experience in the pharmaceutical industry a memorable one."

PAUL PARK, PharmD 2022-2024
SENIOR MANAGER, NORTH AMERICA MEDICAL AT RHYTHM PHARMACEUTICALS

"The fellowship program gave me a holistic view of medical affairs/medical communications and each rotation offered me such unique opportunities. I was very blessed to work with amazing and passionate mentors and coworkers who made the fellowship such an amazing experience!"

BRIAN ARANA-MADRIZ, PharmD 2022-2024
SENIOR MANAGER, REGULATORY AFFAIRS AT ASTRIA THERAPEUTICS

"The Alexion fellowship program provided me with the opportunity to learn from industry professionals, enabling me to sharpen and develop skills that would otherwise have been inaccessible to me. Engaging with established professionals allowed me to gain valuable perspectives and find mentors who believed in me, equipping me with the tools to achieve my current position. Most importantly, I built a network of dependable individuals whom I can always rely on."

MAYA OSMAN, PharmD 2022-2024
MEDICAL SCIENCE LIAISON AT AMGEN

"Completing my fellowship at Alexion was incredibly fulfilling as it gave me the opportunity to work alongside experts from diverse backgrounds and enriched my understanding of global medical affairs. I am extremely grateful for this experience and the valuable connections I got to build along the way!"

Tim O'Neill, PharmD, RPh 2022-2024

"My program allowed me to focus on the specific functions of each rotation individually while giving me the flexibility to get invested in larger projects and even lead them. You learn everything you need to be successful and at a high level of each function."

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

Through the affiliation with MCPHS, fellows will have the opportunity to gain teaching and research experience in an academic setting. MCPHS faculty and company program leaders mentor fellows according to their scholarly and professional interests throughout the two-year program.

AS AN ADJUNCT INSTRUCTOR AT MCPHS, FELLOWS WILL HAVE THE OPPORTUNITY TO:

- **DEVELOP,** coordinate, and teach courses
- **CO-PRECEPT** pharmacy students on advanced experiential rotations
- **CREATE** and publish scholarly research and/or review articles
- **PRESENT** research at scientific and clinical meetings
- **PARTICIPATE** in professional development seminars with other MCPHS fellows

> **The Alexion fellowship provides a unique opportunity to gain practical and valuable hands on experience that will allow for a successful and fruitful career in the biopharmaceutical industry."**

MATTHEW LUEN
Past Fellow, Global Medical Communications–Global Medical Affairs

MCPHS TEAM

AMEE MISTRY, PharmD, RPh

DIRECTOR OF THE POSTDOCTORAL BIOPHARMACEUTICAL INDUSTRY FELLOWSHIP PROGRAM AND MCPHS FACULTY PRECEPTOR

Dr. Amee Mistry is a Professor of Pharmacy Practice and has been with MCPHS since 2006. Dr. Mistry earned her PharmD at the Albany College of Pharmacy and completed a PGY1 Community Practice Residency with Walgreens and MCPHS. 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. She also continues to teach and conduct scholarly work at MCPHS, trains pharmacists and student pharmacists nationally on immunizations, and is actively involved in her state and national pharmacy organizations.

TRISHA LAPOINTE, PharmD, BCPS, FASHP, RPh

MCPHS FACULTY PRECEPTOR

Dr. LaPointe is a Professor of Pharmacy Practice at MCPHS. She earned her doctorate in pharmacy from Northeastern University in 2001 and completed her PGY-1 at Massachusetts General Hospital in Boston Massachusetts. Dr. LaPointe's current practice site at Lowell General Hospital where she sees patients in the inpatient care setting and mentors student pharmacists on inpatients general medicine rotations. Dr. LaPointe works with students, residents, and fellows to carry out scholarly pursuits.

EWAN MCNICOL, PharmD, RPh

MCPHS FACULTY PRECEPTOR

Dr. McNicol is an Associate Professor of Pharmacy Practice at MCPHS where he maintains a practice site in ambulatory pain management at Atrius Health in Boston. He received his Doctor of Pharmacy degree from MCPHS in Boston in 2016. In addition, he has a Master's degree in Pain Research, Education and Policy from Tufts University from 2001. He conducts evidence-based reviews of analgesic interventions and outcomes for pain and related conditions, and has collaborated with current and former pharmacy fellows as a preceptor in this research.

SHEILA SEED, PharmD, MPH, CTH®, AFTM RCPS(Glasg), RPh

MCPHS FACULTY PRECEPTOR

Sheila Seed is Professor and Chair for the Department of Pharmacy Practice at the Massachusetts College of Pharmacy and Health Sciences (MCPHS) School of Pharmacy Worcester/Manchester campuses. During the pandemic, she served as the University's COVID-19 Coordinator for all three campuses. She received her B.S in Pharmacy from the Massachusetts College of Pharmacy and Health Sciences, Boston, Masters of Public Health from the University of Massachusetts, Amherst and Doctor of Pharmacy (Pharm.D.) from Idaho State University. She has been a faculty member at MCPHS since 2001. Prior to her appointment, she worked in the community setting and as a pharmacy officer in the U.S. Air Force. Her areas of interests include public health, immunizations and travel medicine. She has a Certificate of Travel Health™ (CTH)®, and is an Associate Faculty Member of Travel Medicine at the Royal College of Physicians and Surgeons (Glasgow). She has served as the Secretary of Knowledge Management and the Chair of the AACP Public Health SIG and a past Coordinator of the APhA Immunization SIG. She continues to work with the SIG on updating the APhA Travel Health Quick Guide annually.

YULIA MURRAY, PharmD, RPh

MCPHS FACULTY PRECEPTOR

Dr. Yulia Murray received a Doctor of Pharmacy degree from MCPHS University School of Pharmacy Worcester in 2007. Following graduation, Yulia completed a PGY-1 residency at Beth Israel Deaconess Medical Center (BIDMC). After completing residency year, Yulia took a position as a Clinical Medicine Pharmacist at Boston Medical Center and worked in that role for four years, while also staying on as a per-diem clinical pharmacist at BIDMC. In 2012, Yulia decided to pursue a career in academia and was offered a position as an Assistant Professor of Pharmacy Practice at MCPHS University School of Pharmacy Boston. Currently, Yulia serves as an Associate Professor of Pharmacy Practice with her clinical site at Newton-Wellesley Hospital.

PHUNG ON, PharmD, RPh

MCPHS FACULTY PRECEPTOR

Dr. Phung On is an Associate Professor of Pharmacy Practice at MCPHS. She is the Academic Coordinator on the Boston Campus for the Biopharmaceutical Industry Fellowship program and the Coordinator of Diversity, Equity, and Inclusion for the School of Pharmacy – Boston. She earned her PharmD at MCPHS in Boston in 2013 and completed a PGY1 Pharmacy Practice Residency with a focus on ambulatory care, managed care, and transitions of care through the University of North Carolina in Chapel Hill and AccessCare, a network of Community Care of North Carolina. Dr. On maintains a clinical practice site in ambulatory care at Codman Square Health Center in Boston where she works collaboratively with the primary care team to manage patients' chronic diseases.

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 (SMApply) will open on **Monday October 7th, 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 SMApply.

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 & 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 Postdoctoral 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.

FOR MORE INFORMATION, PLEASE EMAIL:
PharmD.Fellowships@alexion.com

Massachusetts College of Pharmacy and Health Sciences

BOSTON CAMPUS
179 Longwood Avenue
Boston, MA 02115-5896

MANCHESTER CAMPUS
1260 Elm Street
Manchester, NH 03101

WORCESTER CAMPUS
19 Foster Street
Worcester, MA 01608-1715

ALEXION®
AstraZeneca Rare Disease

Alexion Pharmaceuticals, Inc.
121 Seaport Boulevard
Boston, MA 02210