AstraZeneca

PHARMACEUTICAL INDUSTRY FELLOWSHIP PROGRAM

2027-2028

RUTGERS HEALTH
Institute for Pharmaceutical Industry Fellowships

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AstraZeneca
What science can do

About AstraZeneca

Mission Statement

We want to transform healthcare, change the lives of billions of people for the better and address some of the biggest healthcare challenges facing humankind. Our ambition is to stop the progress of these often degenerative, debilitating, and life-threatening conditions, achieve remission, and one day cure them.

Pascal Soriot
CEO, AstraZeneca

Our Purpose and Values

We Follow the Science
I am curious and push the boundaries of science
I am creative in how I work with partners and collaborators

We Put Patients First
I am proud to serve patients and consider them in every decision I take
I strive to understand patients' needs and act accordingly

We Play To Win
I am determined to make the right choices to win
I build high-performing, inclusive and diverse teams

We Do The Right Thing
I am accountable for my actions and the success of AZ
I speak my mind and make it safe for others to do so

We Are Entrepreneurial
I am brave, resilient and take smart risks
I act with urgency and simplify the way work gets done

AstraZeneca
What science can do

Our Ambition

Our Bold Ambition is to be pioneers in science, lead in our disease areas, and transform patient outcomes.

Deliver 20 new medicines

Be an $80bn company

…and sustained growth thereafter

To make our ambition a reality, we focus on:

- Advancing the next wave of science and technologies to **deliver differentiated treatments**
- Supporting our medicines and investment into our pipeline to **transform care and maximize patient benefits**
- Investing in the right teams and ways of working, **keeping sustainability at our core**

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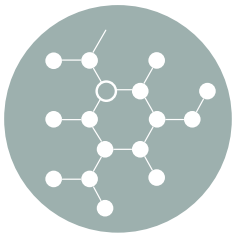
What science can do

Leading in Our Therapy Areas

We're creating novel therapies that help people with cancer, other chronic and rare diseases – areas where we believe we can make the most meaningful difference to patients.

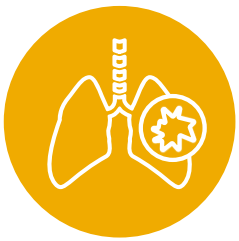
Oncology

Leading a revolution to transform cancer care



Rare Disease

We aim to transform the lives of people affected by rare diseases



BioPharmaceuticals

Cardiovascular, Renal & Metabolism

Respiratory & Immunology

Infectious Disease

Our aim is to transform care for billions of people living with chronic diseases and deliver long-lasting immunity

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Fellowship Campus Locations

Wilmington, Delaware

Gaithersburg, Maryland

A Message from our Executive Sponsors

On behalf of AstraZeneca and the Ernest Mario School of Pharmacy at Rutgers, The State University of New Jersey, we would like to thank you for your interest in our fellowship program. Our collaboration with the Rutgers Institute for Pharmaceutical Industry Fellowships allows us to participate in the growth and development of the next generation of industry-based pharmacists.

As a global biopharmaceutical company, AstraZeneca provides innovative medicines for some of the world's most serious diseases. Pioneering new scientific ideas means never settling for second best and always being ready to challenge the status quo. That's why we look for people who share our thirst for knowledge, our love of innovation, and our ambitious approach to self-improvement. If that's you, why not discover everything that makes us a destination of choice for some of the brightest people in the global biopharmaceutical industry?

We value the talents and skills of our 84,000 employees in more than 100 countries. Our people strategy, which supports our strategic priority of being a great place to work is built around four key pillars: build and develop organizations and capabilities; develop a strong and diverse pipeline of leaders; drive a vibrant, high-performing culture; and generate a passion for people development. This means we emphasize effective leadership, the acquisition and retention of great talent, setting clear targets, open lines of communication, skill building, learning and development opportunities, and a healthy, safe and energizing workplace – within a performance culture in which diversity is valued and individual success depends solely on personal merit and performance.

Executive Sponsor

Karen McCullough
Vice President, Global Regulatory Affairs, ORSSE

Executive Sponsor

Josefa Briceno
Franchise Head G2,
Global Oncology Business Unit

Executive Sponsor

Paul Miller
Head, Clinical Value and Outcomes,
Global BBU Medical

Executive Sponsor

Bruce Wilson
Vice President, US Oncology
Care & Access

A Message from our Fellowship Leadership Team

Your fellowship experience at AstraZeneca will yield a broad overview of key functions within the biopharmaceutical industry through real-world experiences and learnings. You will have the opportunity to engage with dedicated professionals who are pushing the boundaries of science to deliver life-changing medicines. From all of us at AstraZeneca, we wish you much success and hope you strongly consider the AstraZeneca Fellowship Program as an investment in your personal career development and growth.

- The AZ Leadership team

Fellowship Lead

Jodi Scheckermann
Director, IO Franchise Strategy & Operations

Fellowship Lead

Tyler Redelico
Director, Medical Omnichannel & Content Strategy

Fellowship Lead

Karin Mueller
Director, Promotional Regulatory Affairs

Fellowship Lead

Maggie Thomas
Senior Director, Global Regulatory Affairs, ORSSE

AstraZeneca Component

While at AstraZeneca, fellows will have opportunities to develop mentoring relationships with other pharmacists and fellowship alumni to learn more broadly about the organization/industry and gain career development input. The fellowship team also provides the chance to engage with senior leadership by hosting networking events and inviting fellows to present at career development programs. Fellows will participate and lead various activities via committees such as continuing education, alumni relations, student outreach, and candidate recruitment.

Post-Doctoral Program Governance

Executive Sponsors

Karen McCullough

PhD
Vice President, Global Regulatory Affairs, ORSSE

Josefa Briceno

MD
Franchise Head, G2, Oncology Business Unit

Paul Miller

PharmD, MBA
Head, Clinical Value and Outcomes, Global BBU Medical

Bruce Wilson

BS
Vice President, US Oncology Care & Access

Fellowship Directors

Jodi Scheckermann

PharmD, MBA
Director, IO Franchise Strategy & Operations

Karin Mueller

PharmD, MBA
Director, Promotional Regulatory Affairs

Maggie Thomas

PharmD, RAC
Senior Director, Global Regulatory Affairs, ORSSE

Tyler Redelico

PharmD, MBA
Director, Medical Omnichannel & Content Strategy

Mohena Lahtakia

BS, MMBA, PMP
Senior Project Manager, GBS Project Services

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Meet the Fellows (2nd Year)

Alexandra Milfort
US Marketing,
Oncology - Breast

Amelia McGill
Global Clinical Late
Development, Oncology

Elisabeth Glasscott
USMA Strategy,
CVRM - Amyloidosis

Harshita Sharma
Promotional Regulatory
Affairs

Hussein Jeafar
Global Market Access
and Pricing

Javeria Amir
USMA Strategy,
Respiratory Biologics

Jonathan Bishop
USMA/Medical Excellence,
GU Cancers

Jordan Skiera
US Market Access Strategy
and Policy, Oncology

Marie Kosinski
MI/USMA Strategy,
Oncology - GI

Sheel Patel
US Marketing,
Hematology - Oncology

Shobhit Sood
Global Oncology Market
Access and Pricing

Soeun An
Global Medical Breast
Diagnostics

Xiaolei Meng
Strategic Medical
Writing

Yuki Yang
MI/USMA Strategy,
Oncology - Breast

Meet the Fellows (1st Year)

Amelia Hanshaw
US Medical Affairs, Immunology

Angel Gomez
Medical Affairs, Global & US Oncology

Anushree Nair
Global Patient Safety, Oncology

Benjamin Young
US Medical Affairs, Lung Cancer

Darcy Tocci
Market Access Strategy, Immuno-Oncology

Jessica Closson
US Medical Affairs, CVRM – Hypertension

Joseph Chang
Market Access Strategy, Hematology

Magdalene Mallory
US Marketing, Breast Cancer

Mahak Puri
Global Regulatory Affairs

Manasi Prakash
US Marketing, IO

Pranav Menon
US Medical Affairs, Breast Cancer

Sally Almahdawi
US Medical Affairs, GYN and GU Cancers

Sana Behdin
Global Clinical Development, Late Development Oncology

Kathryn Froehle
Oncology Care & Access Policy Strategy

Global Medical Gastrointestinal Diagnostics

Gaithersburg, MD

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2027-2029 Fellowship

Goal

- To develop and equip a fellow into a global medical diagnostics lead who advances precision medicine, including support and leading symposia, cross-functional medical strategy and improves patient outcomes through science-driven innovation

Overview

- The fellow will be a member of the Global Medical Diagnostics team, supporting GI medical affairs strategy to advance diagnostic and biomarker education, awareness, and scientific engagement within the oncology clinical community
- The fellow will collaborate with country Medical Affairs GI teams to understand how global diagnostic strategies are translated into locally medical initiatives that support oncologists and other healthcare professionals across diverse healthcare settings
- The fellow will gain exposure to the development and integration of relevant GI diagnostics, helping the fellow understand how medical strategy supports the evolving role of biomarkers and Companions diagnostics across product lifecycle
- The fellow will have opportunity to upskill their AI capabilities, contribute to innovative medical activities, including the development of AI-enabled and digital approaches that enhance biomarker education, scientific communication, and medical engagement to support their professional growth development

Fellowship Preceptor

Jasmine Sze, PhD, MRSC
Senior Global Medical Affairs Leader – GI/Pan Tumor Diagnostics

Second Year Fellow

Soeun An
Global Medical Breast Diagnostics

Objectives

During this two-year Global Medical Affairs Diagnostics fellowship, the Fellow will:

Year 1

- Build foundational knowledge in Global Medical Affairs, understand AZ's ways of working, GI diagnostics, and relevant biomarkers, while supporting medical education and scientific materials
- Support indication(s) or strategic GI medical affairs initiatives that enhance awareness of biomarker testing, diagnostic pathways, and their relevance to oncology care
- Contribute to GI scientific communications and medical education activities, including development of educational materials, congress support, advisory boards, and external insight generation

Year 2

- Gain experience in evidence generation planning, data interpretation, and publications to support medica narratives and strategic communication around diagnostic and biomarker-driven care
- Partner cross-functionally across Medical Affairs, Global Commercial Diagnostics, Precision Medicine Development, and local markets to strengthen understanding of diagnostic strategy development and execution in different markets and healthcare setting
- Demonstrate strategic leadership through ownership of initiatives that advance global-to-local collaboration, biomarker education, and clinical adoption within the oncology community

Global & US Medical Affairs, Breast Cancer

Gaithersburg, MD

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2027-2029 Fellowship

Goal

- Prepare the PharmD fellow for a successful career in Medical Affairs by building expertise through focused experiences in medical information, medical strategy, and field medical

Overview

- The fellow will receive core training in US Medical Affairs within breast cancer, with exposure to associated functions and strategic priorities
- The fellow will have rotational experiences in medical information, US medical strategy, and field medical, providing a comprehensive view of internal and HCP-facing medical affairs responsibilities
- The fellow will have hands-on involvement in scientific exchange, content development, insight generation, and support of initiatives that advance evidence-based care
- The fellow will directly collaboration with cross-functional stakeholders, including medical, commercial, and clinical development colleagues

Fellowship Preceptor

Marija Tesic-Schell, PhD
Medical Head, Breast Cancer

Fellowship Preceptor

Giovanni Potenza, MPharm
Director – MCi, ADC Breast

Fellowship Preceptor

Anne Wiland, PharmD
National Field Medical Director

Second Year Fellow

Yuki Yang
MI/USMA Strategy, Oncology - Breast

Objectives

During this two-year Global & US Medical Affairs fellowship, the Fellow will:

Medical Communications & Information (MCi):

- Build a strong foundation in the breast cancer disease state, treatment landscape, and emerging clinical data.
- Respond to medical information requests by developing accurate, balanced, and evidence-based scientific communications
- Support development and review of medical affairs materials, including response documents, FAQs, slide decks, and training resources

Medical Affairs Headquarters:

- Participate in development and execution of medical strategy and key initiatives aligned with organizational and therapeutic area priorities
- Analyze and interpret clinical literature and data to support internal decision-making and external scientific communication

Field Medical:

- Gain exposure to field medical through a dedicated rotation with medical science liaisons (MSLs)
- Assist in gathering and communicating medical insights to help inform strategy and identify educational or evidence-generation opportunities.
- Advance patient care through excellence in medical affairs

US Medical Affairs, Respiratory Biologics

Wilmington, DE

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2027-2029 Fellowship

Goal

- To become a high-performing medical affairs professional with experience in building, communicating, and executing medical strategy, launch excellence, and marketing with a focus on improving patient outcomes in chronic respiratory diseases

Fellowship Preceptor
Max Shelkrot, PharmD
Director of Medical Affairs, Respiratory

Fellowship Preceptor
Bryon Goeckner, PharmD
Regional Liaison Director, Respiratory

Overview

- The fellow will serve as a member of the respiratory biologics team, building expertise in development and execution of medical strategic plans, communication of data via direct engagement and digital channels, medical content creation and review, and strategic project management
- The fellow will gain experience working with cross-functional stakeholders to deliver tangible outcomes for patients, thereby preparing them for a successful career in the pharmaceutical industry as a valued medical expert
- Rotations in medical field, commercial marketing, medical evidence, insights & analytics, medical education grants, medical informatics and medical information will be available based on the fellow's interest and aptitude

Second Year Fellow
Javeria Amir
UMSA Strategy, Respiratory Biologics

Objectives

During this two-year US Medical Affairs fellowship, the Fellow will:

- Gain a full working knowledge of medical affairs processes including experience with field medical material development
- Enhance knowledge of promotional regulatory guidance and application for promotional materials
- Gain experience in pre-launch activities, including collaborating with the US and Global Medical teams on medical strategy, data gap analysis and evidence generation
- Develop a relationship with a network of external scientific experts to deliver disease state and product education
- Gain experience working with field medical science liaisons with a focus on high quality scientific exchange and delivering on actions from key medical insights
- Gain experience with omnichannel engagement utilizing innovative medical content on novel platforms to reach a large and diverse medical HCP community

US Medical Affairs, CVRM – Amyloidosis

Wilmington, DE

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2027-2029 Fellowship

Goal

- To become a high-performing Medical Affairs professional with experience in launch excellence, scientific asset optimization, and patient-centered care transformation, dedicated to advancing innovative therapies and improving outcomes for patients with amyloidosis

Fellowship Preceptor

Lilian Ibrahim, PharmD
Medical Director
CVRM - Amyloidosis

Fellowship Preceptor

Jason Mao, PharmD
Director of Medical Affairs
CVRM - Amyloidosis

Overview

- The Fellow will serve as a member of the Medical Amyloidosis Team, working cross-functionally to deliver products and disease specific assets in line with current medical strategy
- The Fellow will develop skills including development and execution of medical strategic plans, communication of data via direct engagement and digital channels, and strategic project management
- The Fellow will gain experience working with multiple cross-functional stakeholders to deliver tangible outcomes for patients, thereby preparing the individual for a successful career in the pharmaceutical industry as a valued medical expert

Second Year Fellow

Elisabeth Glasscott
USMA Strategy,
CVRM - Amyloidosis

Objectives

During this two-year US Medical Affairs fellowship, the Fellow will:

- Gain rare disease launch experience supporting the ATTR-CM new indication launch in 2027.
- Support pre-launch medical strategy, evidence generation, and data-gap analyses with US and Global Medical teams
- Contribute to AI-driven projects focused on earlier detection and diagnosis of ATTR-CM.
- Develop omnichannel medical communication plans to enhance scientific engagement and disease education
- Gain field medical experience through MSL rides and scientific exchange with healthcare professionals.
- Build expertise in medical communications, scientific content development, and medical information processes
- Strengthen knowledge of regulatory, legal, and compliance standards for Medical Affairs activities and materials
- Gain experience in lifecycle management and evidence generation for ATTR amyloidosis therapies.
- Collaborate cross-functionally with Medical, Marketing, Market Access, Regulatory, Legal, and Global teams to support launch readiness
- Attend medical congresses and engage external experts to gather insights and support ATTR-CM strategy development

Global Regulatory Affairs: Oncology Regulatory Science, Strategy, and Excellence

Gaithersburg, MD

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What science can do

2027-2029 Fellowship

Goal

- To gain knowledge about global regulatory processes governing the regulation of drugs, biologics and cell and gene therapies. Get hands-on experience in crafting global regulatory strategies and their execution

Overview

- The fellow will learn key aspects of global regulations to apply regulatory requirements to the development, approval, and maintenance of drugs, biologics and cell and gene therapies
- The fellow will gain experience in developing regulatory strategy and health authority engagement approaches
- The fellow will work with Regulatory Project Management to learn and manage on submission types and their technical requirements
- The fellow will work with cross-functional team members to develop drug development strategies
- The fellow will complete rotations to develop an understanding of work in other functional areas such as Chemistry Manufacturer and Control, Global Medical Affairs, Clinical Development, Patient Safety, and Global Labeling Group

Fellowship Preceptor

Vasundhara Pathak, PhD
Director of Regulatory Affairs, Oncology

First Year Fellow

Mahak Puri
Global Regulatory Affairs: Oncology Regulatory Science, Strategy, and Excellence

Objectives

During this two-year Global Regulatory Affairs fellowship, the Fellow will:

- Gain experience with operational and strategic aspects of global oncology regulatory affairs, with a US focus
- Support project teams and Global Regulatory Lead/US Regulatory Affairs Director with important regulatory precedent research for strategic decision-making
- Learn key aspects of global regulations to apply regulatory requirements to the development, approval, and maintenance of drugs, biologics and cell and gene therapies
- Gain experience in developing regulatory strategy
- Participate in health authority interactions and assess regulatory risks
- Work with Regulatory Project Management to execute and manage the end-to-end delivery of regulatory submissions for global clinical trials
- Work with matrix team members to identify solutions that meet regulatory requirements as well as commercial objectives
- Gain exposure to interactions between Oncology Regulatory Sciences, Strategy, and Excellence (ORSSE), other R&D and non-R&D functions

US Promotional Regulatory Affairs

Wilmington, DE

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What science can do

2027-2029 Fellowship

Fellowship Preceptor
Morine Abdelmeseh, PharmD
Director, Promotional Regulatory Affairs

Fellowship Preceptor
Joe Ryan, PharmD
Associate Director, Promotional Regulatory Affairs

Second Year Fellow
Harshita Sharma
Promotional Regulatory Affairs

Goal

- Become a high-performing Promotional Regulatory Affairs reviewer who provides FDA promotional risk assessments for US promotional materials, disease awareness, launch strategy/preparation, and key claims that supports business objectives across therapeutic areas while ensuring compliance with FDA laws and regulations

Overview

- The fellow will serve as a member of the Promotional Regulatory Affairs team, partnering cross-functionally to advise on and review US promotional materials for compliance with FDA regulations and internal/external guidance.
- The fellow will build working knowledge of FDA promotional regulations and guidance governing prescription drug promotion and apply them in end-to-end material reviews
- The fellow will gain a strong PRA foundation through hands-on training, project-based responsibilities, and broad exposure to diverse opportunities.
- The fellow will contribute to internal review and risk mitigation for AstraZeneca promotional materials across therapeutic areas
- The fellow will collaborate with PRA colleagues to provide promotional regulatory training for cross-functional partners, enhancing awareness and understanding of U.S. promotional requirements in an evolving regulatory landscape

Objectives

During this two-year US Promotional Regulatory Affairs fellowship, the Fellow will:

- Regulatory review: Conduct efficient, risk-focused reviews of HCP, consumer, and managed-markets materials across print, broadcast, and digital, aligned to commercial strategy and FDA regulation and guidance
- Claims and substantiation: Evaluate and substantiate key claims and apply the learnings in support of business objectives
- Risk mitigation: Identify issues early and propose practical, compliant solutions that meet business objectives while minimizing regulatory risk
- End-to-end support: Advise on promotional implications from clinical study design and labeling negotiations through successful launches of products, new data, indications, and safety updates.
- Governance process: Learn and execute AstraZeneca review and approval workflows within internal systems
- Post-marketing compliance: gain an understanding the 2253 submissions process and form and engage, as needed, with FDA's Office of Prescription Drug Promotion.
- Cross-functional partnership: Collaborate with medical, legal, marketing, and access teams on material development, review, and approval, with rotations based on interests and business opportunities

Global Clinical Development, Late Development Oncology

Gaithersburg, MD

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What science can do

2027-2029 Fellowship

Goal

- To become a high-performing Medical/Clinical Scientist with experience in all stages of a late-phase clinical development program, including the planning, execution and readout of oncology clinical studies

Overview

- The fellow will serve as a member of the Clinical Development team, working in close collaboration with the Clinical team in a matrix environment to support the planning and execution, including trial design, study set up, recruitment and delivery, as well as data interpretation of a clinical study
- The fellow will provide clinical support for the late phase AstraZeneca-sponsored clinical program strategies, providing clinical input into the design & implementation of clinical trial(s), their delivery, clinical data review and monitoring, interpretation of results, reporting successfully on time, and activities required for worldwide registration of the product
- The fellowship will ensure foundational clinical science capabilities are developed, while providing the opportunity to expand expertise with projects in additional areas of interest

Fellowship Preceptor

Michael Newton, PharmD
Global Clinical Program Lead, Durvalumab – Late Development Oncology

Fellowship Preceptor

Hema Gowda, PharmD
Senior Global Development Scientist Director – Late Development Oncology

First Year Fellow

Sana Behdin
Global Clinical Late Development Oncology

Second Year Fellow

Amelia McGill
Global Clinical Late Development Oncology

Objectives

During this two-year Global Clinical Development fellowship, the Fellow will:

- Gain a thorough understanding of oncology clinical development and the scientific aspects underpinning a clinical program
- Learn about drug development from molecule to market and scientific methodology in the design, conduct and interpretation of clinical research, at a study level
- Participate, assist and support activities providing clinical and scientific input to clinical studies
- Gain the ability to analyze and summarize clinical results and to contribute to the drafting of documents used throughout the clinical study lifecycle
- Serve as medical/clinical science representative on a study team and collaborate cross-functionally on applicable deliverables during the study lifecycle
- Contribute to functional process improvement initiatives and/or cross asset or cross tumor area working groups

US Marketing, Breast Cancer

Gaithersburg, MD

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2027-2029 Fellowship

Goal

- To develop a thorough understanding of both the clinical and business (marketing and commercial) elements of US Breast Cancer business unit, leveraging scientific background to deliver on brand marketing materials

Fellowship Preceptor

Hiral Doshi
Director,
US Breast Cancer Marketing

Overview

- This fellow will be a key member of the Camizestrant marketing team and work in close partnership with marketing colleagues across the entire Breast Cancer franchise as well as the broader oncology business unit functions (Medical Affairs, Insights, Global Marketing, etc)
- This fellowship may provide an opportunity to contribute to the launches of a new indication for Camizestrant in HR+BC, giving the fellow an opportunity to develop core marketing capabilities
- The fellow may gain experience across various areas: Health Care Provider (HCP) Marketing, Digital/Omnichannel Marketing and Peer-to-Peer initiatives
- This fellowship will prepare the fellow for a successful career in pharmaceutical marketing, commercialization and/or market access

Second Year Fellow

Alexandra Milfort
US Marketing,
Oncology - Breast

Objectives

During this two-year US Marketing fellowship, the Fellow will:

- Utilize clinical background to think critically and strategically about the application of clinical data to deliver a compelling brand narrative
- Learn both the clinical and business elements of US franchise marketing in the HR+/HER2- mBC space
- Develop new assets through innovation, collaboration with cross functional partners, and ownership through the Medical/Legal/Regulatory Review process
- Build strategic and tactical plans for upcoming new indication launches to establish new standard-of-care in HR+/HER2- mBC in collaboration with cross-functional teams
- Lead partner agency relationships and workflow for assigned projects
- Leverage market research insights to help inform the development of key initiatives to support the brand strategy
- Track and monitor relevant Key Performance Indicators (KPIs) to help inform brand decision making

Health Economics & Payer Evidence (HEPE), Global Oncology Market Access & Pricing (OMAP)

Gaithersburg, MD

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2027-2029 Fellowship

Goal

- To become a high-performing Health Economics & Payer Evidence (HEPE) leader with skills and capabilities to generate evidence to support reimbursement submissions globally

Fellowship Preceptor

Bengt Liljas, PhD
Group Director, Health Economics & Pyer Evidence, OMAP

Overview

- The Fellow will sit within the global OMAP function, working alongside team members and cross-functional colleagues across prioritized tumors
- The Fellow will work on several HEPE projects from early development, through planning, choice of vendor (if applicable), analyses, data interpretation, and dissemination
- The Fellow will learn how OMAP drives price & access strategy globally and ensures the appropriate evidence is generated to support reimbursement submissions
- The Fellow will gain exposure to interactions between the Global OMAP, Commercial, Medical, and R&D functions

Second Year Fellow

Shobhit Sood
Global Oncology Market Access and Pricing

Objectives

During this two-year Global Oncology Market Access & Pricing fellowship, the Fellow will:

- Gain an understanding of how HEPE supports the global price & reimbursement submissions / negotiations of AZ products through the conduct of evidence-generation activities and communication of value propositions to internal and external stakeholders
- Work closely with a cross-functional team to develop strategies for what HEPE activities and deliverables are required to support price & access objectives
- Contribute to the generation of scientific evidence used by payer decision-makers
- Lead cross-functional projects used to support reimbursement submissions together with internal stakeholders in key countries
- Develop skills in health economic modeling and other comparative effectiveness research methods (e.g., indirect treatment comparisons, clinical trial design, statistics, and real-world evidence)
- Develop an in-depth understanding of health technology assessment methods and processes and how these vary across different countries

Past Fellows

Samantha Toth

Current Position at AZ
Associate Director, Global Labeling
Fellowship Year
2024-2026
Fellowship Position
Global Labeling Strategy

"The fellowship provided me with invaluable experience in Regulatory Labeling, allowing me to contribute to global labeling initiatives while strengthening my understanding of strategy and cross-functional collaboration. The mentorship, hands-on experience, and supportive network helped build my confidence and prepared me for the next stage of my career."

"…The practical experience and skills I gained positioned me to smoothly transition into a full-time role upon completing my fellowship. I attribute a large part of my success as a regulatory strategist to the supportive environment and the care both the AZ fellowship and RPIF have put into nurturing industry professionals."

Current Position at AZ
Associate Regulatory Affairs Director
Fellowship Year
2023-2025
Fellowship Position
Global Regulatory Affairs Strategy

Stanley Tang

Stephen Nagib

Current Position at AZ
Associate Director, US IO Marketing
Fellowship Year
2022-2024
Fellowship Position
US Marketing – IO Lung

"This program gave me the opportunity to become fully immersed in a US Marketing role where I was able to gain meaningful experience that directly translated to a full-time role at the company. My preceptor and team did a fantastic job in giving me the platform to learn, contribute, and deliver for the business."

"The RPIF program was pivotal in shaping my career as an MSL. It offered invaluable experiences in MI, medical affairs strategy, pipeline management, and training HCPs. The dedication of the preceptors was exceptional, providing a challenging environment and a platform to speak up and share ideas. As a Fellow, I was treated as a full team member, with my opinions respected in every room."

Current Position at AZ
Medical Science Liaison
Fellowship Year
2021-2023
Fellowship Position
Medical Information/Medical Affairs

Carl Lowe

Morine Abdelmeseh

Current Position at AZ
Director, PRA
Fellowship Year
2021-2023
Fellowship Position
Promotional Regulatory Affairs

"The AZ/RPIF program provided me with the tools and network to fully immerse myself into the pharmaceutical industry and gain unique, hands-on experiences that helped jumpstart my career. I've gained preceptors and mentors that continue to support me and are critical in my personal and professional development within the industry."

Fellowship Alumni*

2026

Ashley Dao
Medical Information/Medical Affairs

Jiaxin Chloe An
Global Regulatory Affairs

Manreet Cheema
US Marketing

Melvin Binu
Medical Information/Medical Affairs

Nikhil Bhatia
US Market Access

Ryan Ong
Global Patient Safety

Samantha Toth
Global Regulatory Labeling

Sharon Joseph
US Marketing

Emily Robb
Medical Information/Medical Affairs

Kendall Smith
Medical Information/Medical Affairs

2025

Kelsey Chaykowski
Global Patient Safety

Angel Choe
US Market Access

Alexis Hills
Medical Information/Medical Affairs

Dennis Lee
Medical Affairs

MaryKathryn McCann
Health Economics Outcomes Research

Razina Pathan
Medical Information/Medical Affairs

Joseph Ryan
Promotional Regulatory Affairs

Audrey Simon
US Marketing

Stanley Tang
Global Regulatory Affairs

Karen Wang
Medical Information/Medical Affairs

2024

Nicholas Carreon
Medical Information/Medical Affairs

Pamela Concepcion
Global Patient Safety

Sonia Limaye
US Marketing

Tanay Maddula
Medical Information/Medical Affairs

Stephen Nagib
US Marketing

Ankur Patel
Global Regulatory Labeling

Cecil Washington
Global Regulatory Affairs

2023

Morine Abdelmeseh
Promotional Regulatory Affairs

Sheena Dupuy
Medical Information/Medical Affairs

Stefan Eapen
Medical Information/Medical Affairs

Carl Lowe
Medical Information/Medical Affairs

Ananya Murali
Global Regulatory Affairs

Daniel Streng
Marketing/Patient Advocacy

Zulikhat Segunmaru
Health Economics Outcomes Research

2022

Madelaine Ambrose
US Marketing

Jon Apple
Health Economics Outcomes Research

Amanda Cline
Medical Information/Medical Affairs

AJ Corry
Global Patient Safety

Kara Glover
Medical Information/Medical Affairs

Stacy Ndubuizu
Global Labeling Strategy

Mivielis Rivera
Medical Information/Medical Affairs

Sheri Saka
Global Regulatory Affairs

Rija Saleem
Medical Information/Medical Affairs

2021

Maghan Ballantyne
Medical Information/Medical Affairs

Kevin Huang
Medical Information/Medical Affairs

Joyce Lo
Medical Information/Medical Affairs

Alexandra Schuster
US Marketing

*Showcasing alumni currently employed with AstraZeneca as well as non-AstraZeneca employees.

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In Memory of Our Beloved

Fellowship Program Founder

Debra S. Weintraub, PharmD

RUTGERS HEALTH
Institute for Pharmaceutical Industry Fellowships

Soaring Ever Higher

Rutgers Pharmaceutical Industry Fellowship (RPIF) Program

Ernest Mario School of Pharmacy (EMSOP)

Rutgers, The State University of New Jersey

The RPIF Program has thrived under the leadership of the founder, Dr. Joseph A. Barone, Dean and Distinguished Professor of EMSOP, Dr. Carolyn Seyss, the Executive Director for the Institute for Pharmaceutical Industry Fellowships, and is supported by a team of RPIF alumni experienced in the pharmaceutical industry.

Joseph A. Barone, PharmD, FCCP
Dean and Distinguished Professor

Carolyn Seyss, PharmD, RUCIF
Fellowship Executive Director

Joseph Fulginiti, PharmD, MBA, RUCIF
RPIF Associate

Erica Dankiewicz, PharmD, RUCIF
RPIF Consultant

Patrick Park, PharmD, MBA, RUCIF
RPIF Consultant

Program History

1984

EMSOP and 2 pharmaceutical companies began a first-of-its-kind collaborative pilot program to evaluate the potential contributions of clinically- trained pharmacists within a pharmaceutical industry practice setting. Following the successful pilot, the RPIF Program grew significantly and expanded to now include 26 companies within the pharmaceutical and biopharmaceutical industry with almost 300 Fellows.

2002

Dr. Ernest Mario generously provided an endowment to establish RPIF as an Institute to enhance and promote the role of pharmacists in industry through the RPIF Program. The Institute staff members:

- Create the Fellowship structure, providing strategic leadership and administrative support
- Promote quality, communication, scholarly activity, and professional development
- Arrange specialized training opportunities within the pharmaceutical and biopharmaceutical industry

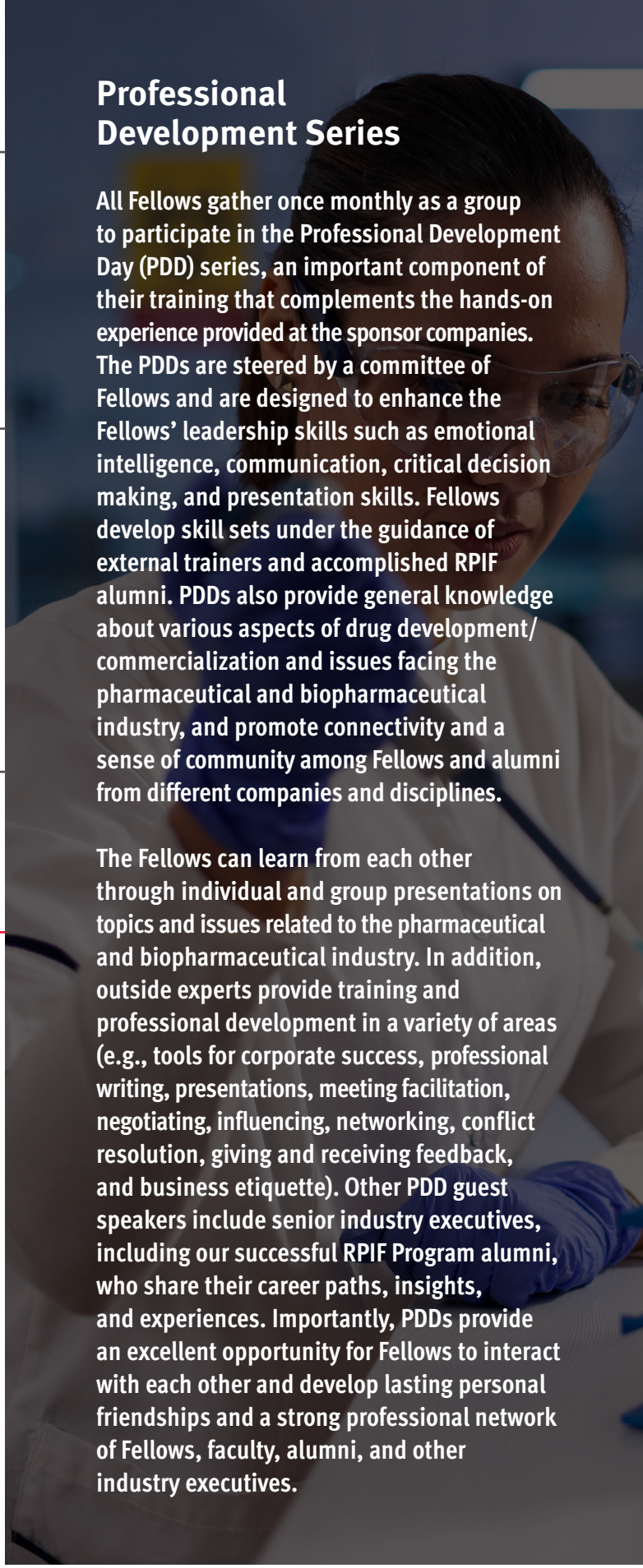
2018

RPIF expanded to offer interdisciplinary Fellows' training by adding physician Fellowship opportunities to our well-established program.

2023

The RPIF Certificate is recognized with special credentials so our alumni can now proudly identify themselves as **RUCIF (Rutgers University Certified Industry Fellow).**

Well over 1,900 Post-Doctoral Fellows have completed the RPIF Program, most of whom are experiencing influential and rewarding careers in the pharmaceutical and biopharmaceutical industry throughout the US and abroad. The RPIF Program has Preceptors and Mentors from industry who share their knowledge and experiences with the Fellows through an intense but closely-guided training program. Assignments and projects are challenging, meaningful, and designed to enhance understanding of the pharmaceutical and biopharmaceutical industry and the Fellow's functional area(s). Our goal is to provide the environment for Fellows to build the foundations to fuel their careers as future leaders in the industry.



Professional Development Series

All Fellows gather once monthly as a group to participate in the Professional Development Day (PDD) series, an important component of their training that complements the hands-on experience provided at the sponsor companies. The PDDs are steered by a committee of Fellows and are designed to enhance the Fellows' leadership skills such as emotional intelligence, communication, critical decision making, and presentation skills. Fellows develop skill sets under the guidance of external trainers and accomplished RPIF alumni. PDDs also provide general knowledge about various aspects of drug development/ commercialization and issues facing the pharmaceutical and biopharmaceutical industry, and promote connectivity and a sense of community among Fellows and alumni from different companies and disciplines.

The Fellows can learn from each other through individual and group presentations on topics and issues related to the pharmaceutical and biopharmaceutical industry. In addition, outside experts provide training and professional development in a variety of areas (e.g., tools for corporate success, professional writing, presentations, meeting facilitation, negotiating, influencing, networking, conflict resolution, giving and receiving feedback, and business etiquette). Other PDD guest speakers include senior industry executives, including our successful RPIF Program alumni, who share their career paths, insights, and experiences. Importantly, PDDs provide an excellent opportunity for Fellows to interact with each other and develop lasting personal friendships and a strong professional network of Fellows, faculty, alumni, and other industry executives.

Key Program Features

RPIF FOSTERs the growth and development of future pharmaceutical and biopharmaceutical industry professionals and leaders.

Because of its relationship with and close proximity to most of the nation's leading pharmaceutical and biopharmaceutical companies, EMSOP and the RPIF Program are uniquely capable of providing Fellows with advanced training in the pharmaceutical and biopharmaceutical industry.

Rutgers, The State University of New Jersey is one of the major state university systems in the United States. EMSOP is part of Rutgers Health and is the only state school of pharmacy in New Jersey. EMSOP is located on the University's main science and technology campus in Piscataway, New Jersey.

While RPIF offers all the benefits of a large program with an extensive network of distinguished professionals, Fellows receive the individual attention of a small program where they are known and supported as individuals.

F

Family of Leading Companies

Partners include several top global pharmaceutical/biopharmaceutical companies and offer large to small company environments.

O

Outstanding Alumni Track Record

Well over 1,900 alumni hold prominent positions at many leading companies, including VP and C-suite levels.

S

Strong Network

Fellows develop valuable, lasting connections with each other, alumni, Preceptors, and Rutgers EMSOP faculty.

T

Trusted and Proven Since 1984

The Rutgers Fellowship Program is nationally recognized, trusted, and proven as the key pathway to industry, developing foundations for future leaders

E

Enhanced Career Development

Breadth of experiences informs career path choices, increasingly challenging assignments build depth of experience, and visibility creates opportunities - enhancing the potential for accelerated career paths.

R

Rigorous Academic Component

Rutgers affiliation provides academic and professional development opportunities.

Application Process and Eligibility Requirements

Pharmacy Fellows for the RPIF Program are selected on a nationally competitive basis. Candidates must have completed a Doctor of Pharmacy from an ACPE-accredited institution before July 1 of the fellowship term.

HOW TO APPLY:

The RPIF Program is highly competitive. **Candidates will be selected for interviews on a rolling basis, so we strongly encourage you to submit your application as soon as possible.**

Interested candidates may submit their application with short-answer questions and supporting materials (letter of intent, curriculum vitae, and 3 letters of recommendation) as soon as **Wednesday, October 14, 2026** by visiting our website at: **https://pharmafellows.rutgers.edu/how-to-apply/**

All application materials must be submitted electronically to the RPIF website per instructions on the site.

REQUIRED ITEMS:	SUBMIT BY:
Application with short-answer questions	Tuesday, October 20th
Letter of Intent (LOI)	Tuesday, October 20th
Curriculum Vitae (CV)	Tuesday, October 20th
Letters of Recommendation (LORs)	Tuesday, December 1st

ADDRESS LOI AND LORs TO:

Joseph A. Barone, PharmD, FCCP
Dean and Distinguished Professor
Ernest Mario School of Pharmacy
Rutgers, The State University of New Jersey
160 Frelinghuysen Road
Piscataway, NJ 08854-8020

RUTGERS HEALTH
Institute for Pharmaceutical Industry Fellowships

"My experience as an RPIF Fellow has been one of the most meaningful and transformative parts of my professional journey, providing countless opportunities for growth while reinforcing the importance of giving back to the Ernest Mario School of Pharmacy community. I am grateful to draw upon my nontraditional experiences prior to pharmacy school to mentor, support, and advocate for our RPIF Fellows, encouraging them to embrace their own unique backgrounds as strengths in their professional careers. Investing in their professional and personal development is especially rewarding because today's Fellows will become tomorrow's leaders, advancing innovations that improve the lives of patients and strengthen the communities we serve."

John (Eun Sik) Cho, PharmD
Global GMP QA Strategy

"I am incredibly grateful for the personal and professional growth I have experienced as a Rutgers Fellow. Through RPIF and my partner company, I have been able to learn from inspiring mentors, collaborate with talented peers, and pursue opportunities that have accelerated my development. Being surrounded by such a supportive fellowship community has made this experience especially meaningful and has helped me feel prepared and excited for the future!"

Brynn Gilbert, PharmD
Medical Communications

"It is hard to put into words how much this fellowship has meant to me in just my first year. RPIF has challenged me to grow, think differently, and embrace opportunities I never imagined having this early in my career. Knowing that my work has the potential to impact patient care on a global scale has been incredibly rewarding, and I am excited to see how RPIF continues to shape my career and growth as a leader. I encourage future fellows to take advantage of everything the program has to offer because the experiences you gain and the relationships you build will shape your future."

Hillary Anne Reeves, PharmD
Late-Stage Clinical Development

AIFA
Alliance of Industry Fellowship Associates

Aligned First Offer Date
December 11, 2026

The choice of a Post-Doctoral Industry Fellowship is an important decision. AIFA exists to promote a consensus first offer date for all Fellowship positions. 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 AIFA-aligned offer date. Candidates should feel free to request an extension for any earlier offer to allow them to consider their options.

Connect with us on social media: @RutgersFellow

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