

# *The Physician Fellowship Program at Bayer*

*2024-2025*



# *Evolution of Medical Practice*

- Growing interest in non-clinical settings by some physician professionals<sup>1,2</sup>
- Potential for career opportunities in pharmaceuticals and related drug development industries (CRO, FDA, Consulting, Other?)
- There is a need for bridging the gap from clinical practice to the culture and environment of the pharmaceutical industry.

1. <https://www.medicaleconomics.com/view/how-doctors-can-find-nonclinical-jobs>

2. <https://resources.nejmcareercenter.org/article/outside-the-fold-exploring-nonclinical-work-opportunities-for-physicians/>

## Why choose an Industry Fellowship?

- Introduction to a new career path by helping physicians bridge the experience gap
- Provides real world, practical experience for physicians interested in working at a pharmaceutical company
- Offers opportunities to develop expertise and experience in the pharmaceutical and bio-pharmaceutical industries



Physician Fellow at Bayer 2023-2024

**Matthew Novin, DO**  
Family Medicine



# Physician Fellowship Program at Bayer

**Prospective candidates for the Physician Fellowship program at Bayer can apply for a position in the following therapeutic area:**

## Cardiovascular and Renal (CVR)-USMA (One position) – 1 Year Fellowship

The Fellow will be an active member of Bayer's US CVR Medical team and will be integrated into all medical activities related to Medical Affairs.

- Maintain knowledge of scientific and clinical data to support currently marketed product within Cardio-Renal therapeutics.
- Collect, review, assess, and disseminate scientific and clinical information related to Chronic Kidney Disease and Cardiovascular Disease therapeutics.
- Interact and collaborate with key opinion leaders
- Medical Science Liaison training and certification
- Provide support for the strategy, coordination, and implementation of advisory board meetings and FDA advisory committee meetings
- Attend scientific meetings to present data and to provide scientific support at medical booths





# Optional Elective Rotations in Medical Affairs

- Data Generation and Observational Studies (DGOS)
- Medical Scientific Liaison (MSL)
- Regulatory Affairs (Ad Promo)
- Regulatory Affairs (Regulatory Strategy)
- Global Medical Affairs
- Business Unit
- US Publications





[Physician Fellowship Training Opportunities in the Pharmaceutical Industry](#)

## Rutgers Pharmaceutical Industry Fellowship Program

Ernest Mario School of Pharmacy  
Rutgers, The State University of New Jersey



**Joseph A. Barone,**  
Pharm.D., F.C.C.P.  
Dean and Professor II  
Ernest Mario School of  
Pharmacy  
Rutgers University



**Carolyn Seyss,**  
Pharm.D., RUCIF  
Fellowship Director  
Institute for Pharmaceutical Industry  
Fellowships  
Ernest Mario School of Pharmacy



**Michael Toscani,**  
Pharm.D.  
Research Professor,  
Fellowship Director Emeritus  
Institute for Pharmaceutical  
Industry Fellowships

### Program History

In 1984, at Rutgers, The State University of New Jersey, the Ernest Mario School of Pharmacy and two 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 Rutgers Pharmaceutical Industry Fellowship (RPIF) Program grew significantly and expanded to include 27 companies within the pharmaceutical and biopharmaceutical industry and approximately 350 Fellows.

In 2002, Dr. Ernest Mario generously provided an endowment to establish the [Institute for Pharmaceutical Industry Fellowships](#) to enhance and promote the role of pharmacists in industry through the RPIF Program. The Institute staff members:

- provide leadership and administrative support
- promote quality, communication, scholarly activity, and professional development
- arrange specialized Fellowship training opportunities within the pharmaceutical and biopharmaceutical industry.

In 2018, our Program leveraged this successful track record to expand, offering interdisciplinary Fellows' training by adding select physician Fellowship opportunities to our well-established training program.

The RPIF Program has thrived under the leadership of the founder, Dr. Joseph A. Barone, Dean and Professor II of the Ernest Mario School of Pharmacy, Dr. Carolyn Seyss, the Director for the Institute for Pharmaceutical Industry Fellowships, and Dr. Michael Toscani as the Director Emeritus.

The RPIF Program Certificate is now associated with special credentials so our alumni can now proudly identify themselves as **RUCIF (Rutgers University Certified Industry Fellow)**. Well over 1,500 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.



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### Key Program Features

The Rutgers Pharmaceutical Industry Fellowship Program **FOSTERs** the growth and development of future pharmaceutical and biopharmaceutical industry professionals and leaders through key program features:

- F** **Family of Leading Companies** – Partners include several of the top global pharmaceutical and biopharmaceutical companies and offer large to small company environments.
- O** **Outstanding Alumni Track Record** – Well over 1,500 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 for pharmacists as 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, and adjunct faculty appointments at EMSOP.

Rutgers, The State University of New Jersey, with over 67,000 students in its three campuses, is one of the major state university systems in the United States. The New Jersey College of Pharmacy was founded in 1892 and was incorporated into the University in 1927. The [Ernest Mario School of Pharmacy \(EMSOP\)](#) is part of Rutgers Biomedical and Health Sciences (RBHS). The Rutgers EMSOP is located on the University's main science and technology campus in Piscataway, New Jersey. Because of its relationship with and close proximity to most of the nation's leading pharmaceutical and biopharmaceutical companies, the EMSOP and the RPIF Program are uniquely capable of providing Fellows with advanced training in the pharmaceutical and biopharmaceutical 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 partner 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. The dynamic forum of PDD provides an opportunity for open discussion and debate among Fellows, Rutgers faculty, and company Preceptors. 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.



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### **Application Process and Eligibility Requirements:**

Physician Fellows for the Rutgers Pharmaceutical Industry Fellowship Program are selected on a nationally competitive basis. Candidates must have an M.D. or D.O., with clinical experience such as completed residencies or fellowships preferred.

### **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 **October 6, 2023** by visiting our website at:

<https://pharmafellows.rutgers.edu/physicians/how-to-apply/>

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

### **Your Letter of Intent & Letters of Recommendation should be addressed to:**

Joseph A. Barone, Pharm.D., F.C.C.P.  
Dean and Professor II  
Ernest Mario School of Pharmacy  
Rutgers, The State University of New Jersey  
160 Frelinghuysen Road  
Piscataway, NJ 08854-8020

Required Items	Submit by
Application with short-answer questions	October 13th
Letter of Intent (LOI)	October 13th
Curriculum Vitae (CV)	October 13th
Letters of Recommendation (LORs)	December 1st



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