



Rutgers Pharmaceutical Industry Fellowship Program

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

Optional Headshot
of Fellow(s)

Fellow Name

PharmD

Fellowship Title - Company

Optional Headshot
of Fellow(s)

Fellow Name

PharmD

Fellowship Title - Company

Agenda and Objectives



Explore the opportunities for PharmDs in the pharmaceutical industry



Provide an overview of the Rutgers Pharmaceutical Industry Fellowship (RPIF) program



Review the fellowship application process



Resources and Additional Information



Q&A session



Opportunities for PharmDs in the Pharmaceutical and Biopharmaceutical Industry

Opportunities for PharmDs in the Industry

Research & Development

- Clinical Pharmacology
- Pre-Clinical
- Early Phase Development
- Late Phase Development
- Clinical Operations

Medical Affairs

- Medical Strategy
- Medical Information
- MSL
- Publications
- Medical Education
- HEOR

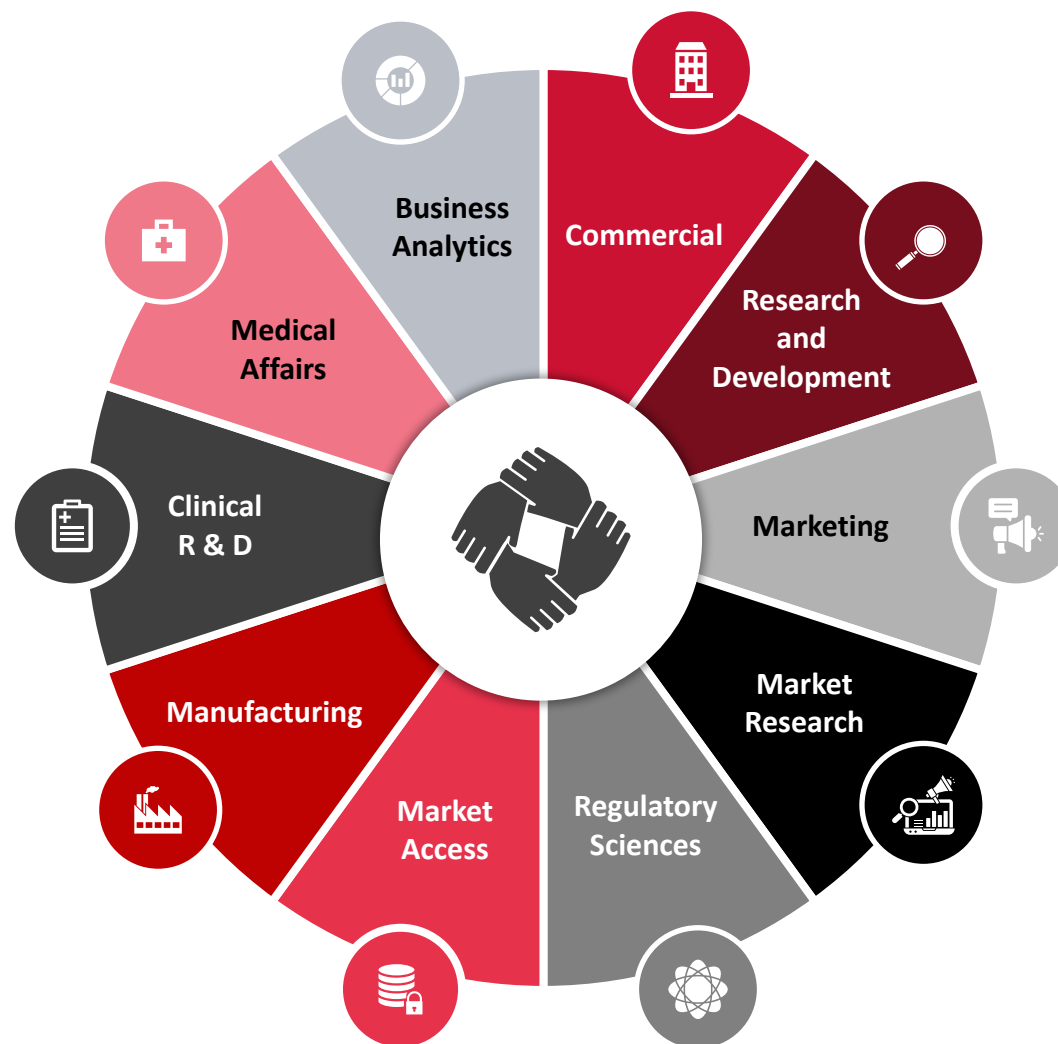
Commercial

- Marketing
- Market Research
- Business Intelligence
- Market Access
- Business Development

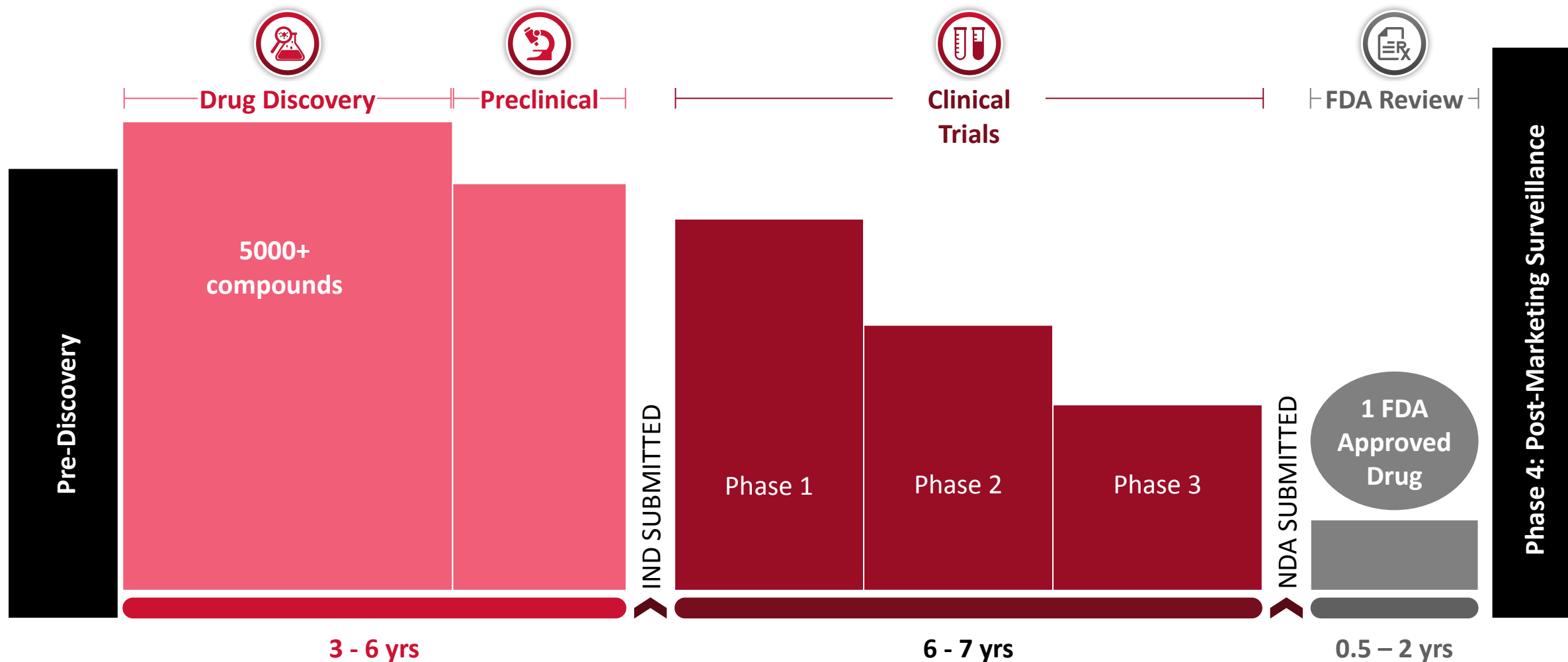
Regulatory Affairs

- Advertising & Promotion
- Regulatory Strategy
- Drug Safety
- Risk Management
- Advocacy & Policy

Cross Functional Interactions



Drug Development & Clinical Research



Development Operations

Clinical Operations

Operational Plans

- Develop and manage operational plans related to site monitoring, risk mitigation, trial budgets, site selection, quality and clinical supplies
- Oversee vendors, liaise with country operational representatives and sites

Study Timelines

- Establish and drive timelines for study milestones and ensure accurate tracking and reporting of study metrics
- Execute plans to efficiently run clinical trials while ensuring data integrity and supporting patient safety

Study Deliverables

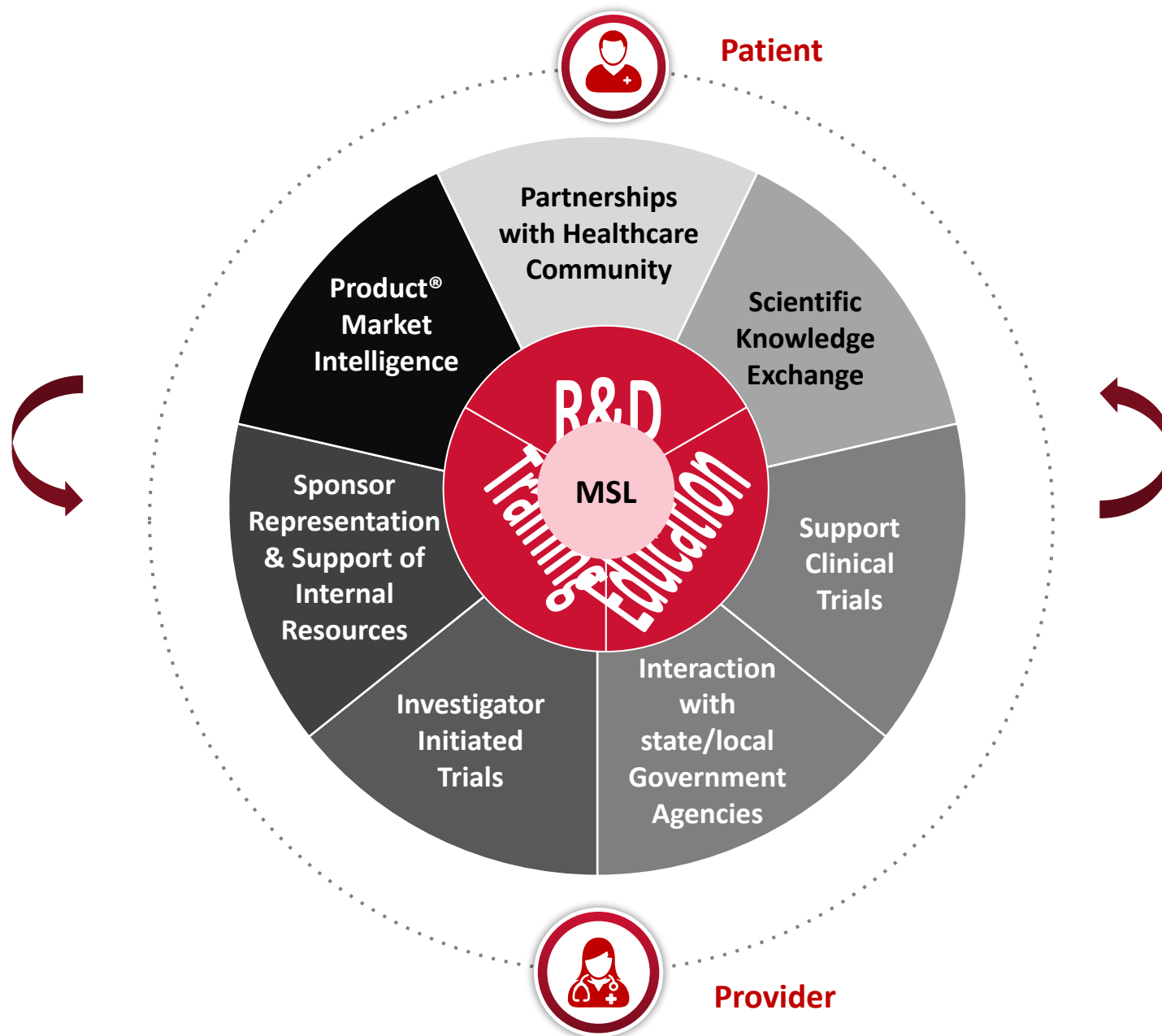
- Provide operational input to the development of study deliverables, such as feasibility questionnaires and patient recruitment and retention strategies
- Work as part of the cross-functional team (Safety, Science, Regulatory, etc.)

Medical Affairs & Strategy



1. <http://www.ziphermed.com/>
2. Understanding Pharma Series Course on Medical Affairs.

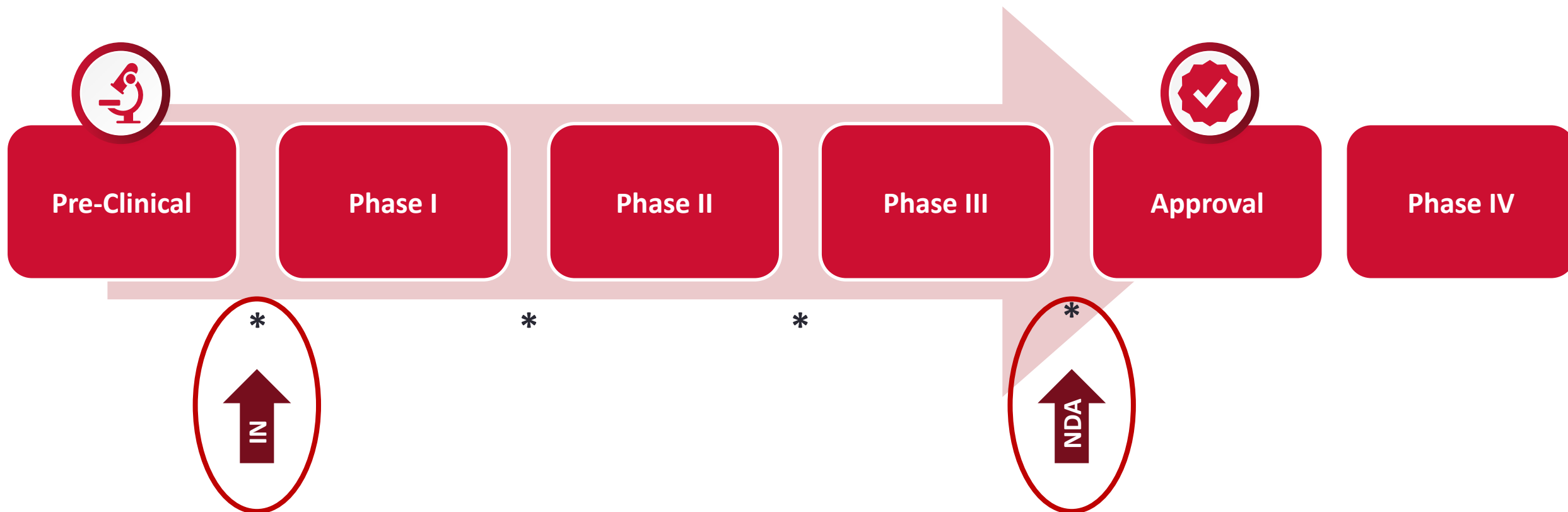
Medical Science Liaison (MSL)



Health Economics and Outcomes Research (HEOR)



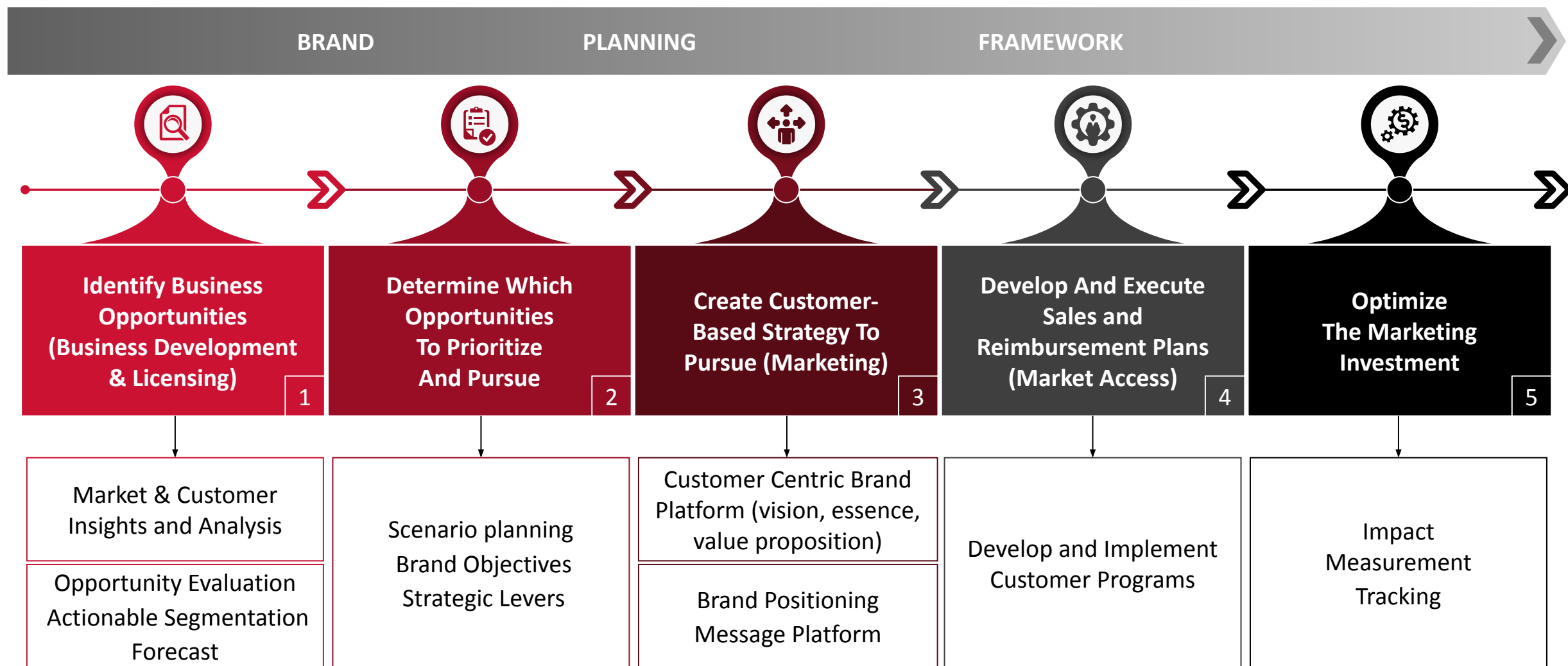
Regulatory Affairs



Regulatory Affairs – Advertising and Promotion



What is the Role of Commercial?



Skills for Success in a Fellowship and the Industry



- Communication
- Leadership
- Project management
- Networking
- Attention to detail
- Planning
- Time management
- Problem solving
- Critical decision-making
- Resilience
- Innovation





What is an Industry Fellowship?

Fellowship vs. Residency



Attribute	Fellowship	Residency
<i>Impact on patient care</i>	Global scale	Individual/local/regional cases
<i>Use of clinical knowledge</i>	Extent varies depending on functional area	Direct patient care
<i>General structure</i>	2 years experience in core function ± rotations (some Fellowships are 1-year)	1 year general practice ± 1 year specialty
<i>Practice setting</i>	Corporate	Inpatient/Outpatient
<i>Scholarly activities</i>	Teaching Research Publications	Teaching Research Publications
<i>Salary</i>	Competitive Stipend	Competitive stipend

RPIF Program Leadership



**Carolyn Seyss,
PharmD**

Fellowship Director
*Institute for Pharmaceutical
Industry Fellowships*
RPIF Alumna



**Joseph A. Barone,
PharmD, FCCP**

Dean and Professor II
*Ernest Mario School of
Pharmacy*



**Michael Toscani,
PharmD**

Research Professor,
Director Emeritus
*Institute for Pharmaceutical
Industry Fellowships*

RPIF Program Mission



Opportunity to **accelerate** your career path in the industry through a variety of specialty training programs



Established history with a large network of leading companies and distinguished alumni



Investment in the development of the fellows and supports the advancement of pharmacists in the industry



Unique professional and leadership **opportunities** offered through both Rutgers and partner companies

RPIF Program Outcomes

Established in

1984

with 2 fellows



This year, there are

>300 fellows across

25 partner companies



Over **1400** alumni in a
wide range of companies worldwide

- Pharmaceutical and Biopharmaceutical industry
- Biotechnology companies
- Medical Communications companies
- Government agencies (i.e. FDA, CDC)
- Healthcare Insurers and Payers
- Advertising agencies



RPIF program has greatly
expanded **pharmacists'**
role in the industry



RPIF Program Curriculum

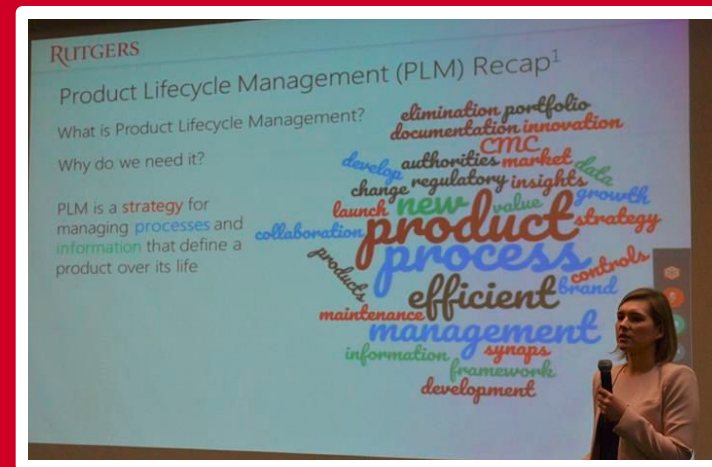
Scholarly Activities



Leadership



Teaching



Fellowship Components



Industry Component

- Hands on experience in specialty function and/or disease area
- Guidance from preceptors, mentors, and alumni
- Professional development through conferences, workshops, and more
- Internal and External rotation opportunities for many



Rutgers Component

- Professional Development Series
- Teaching opportunities at Ernest Mario School of Pharmacy
- Research collaboration with Rutgers faculty for publications/posters
- Leadership opportunities as committee chairs, and leads, and chief Fellows

2021 - 2023 Scholarly Activities



128

Fellows involved in at least 1 scholarly activity project



88

Posters presented at various national and local conferences



10+

Publications in magazines, peer-reviewed journals, and other media



19+

Oral presentations at conferences and symposia

Partner Companies for 2023



RPIF Key Features

F

amily of Leading Companies – Partners include several of the top global pharmaceutical and biopharmaceutical companies and offer large to small company environments.

O

utstanding Alumni Track Record – Over 1,400 alumni hold prominent positions at many leading companies, including VP and C-suite levels.

S

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

T

rusted 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

nhanced 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

igorous Academic Component – Rutgers affiliation provides academic and professional development opportunities.



Eligibility and Application

Candidate Eligibility



Obtain a Doctor of Pharmacy (PharmD) degree by July 1, 2024 from an ACPE accredited pharmacy program



Please watch our website and social media for details on our recruitment process starting this fall.

Future RPIF Informational Events (Fall 2023)



Fellowship Information and Networking Day (FIND)


- Program Overview
- Application Process Breakdown & Tips
- Fellow-led Q&A Session




FIND Partner Company Networking Sessions

- Company Specific Q&A Sessions
- Great way to meet the current fellows and preceptors!


Interview Preparation Tips




Attend outreaches and webinars and watch for details on our recruitment process



Register and submit application to RPIF portal early




Send thank you emails
Don't copy/paste




Make sure to interview in a quiet, well-lit room with appropriate camera angle when virtual




Research positions offered and companies in advance



Arrive on time for interviews, including virtual ones



Have a strong Internet connection and check that the mic and camera work for virtual interviews



Dress professionally (business professional attire)



Relax and be yourself

~~UNPREPARED~~



Summary



Wide range of avenues and career paths for PharmDs in the pharmaceutical and biopharmaceutical industry



RPIF program offers fellowships to help fuel your career trajectory as a future leader in industry by offering the following:

Challenging and
supportive environment

Networking and
mentorship
opportunities

Opportunities for
research, publications,
teaching, and leadership





Knowledge Check

Knowledge Check



- True or False:
As part of a Rutgers fellowship, fellows must complete both the industry component and the Rutgers component.
a. True
b. False

Knowledge Check



- All of the following are attributes of an RPIF fellowship **EXCEPT?**
 - a. Global impact on patient care
 - b. Teaching, research, and publication opportunities
 - c. World's largest Fellow and Alumni network
 - d. Competitive training stipend
 - e. None of the above

Knowledge Check



- How can you start preparing now to land a fellowship position with RPIF?
 - a. Attend Informational and Networking sessions
 - b. Connect with current fellows in functional areas of interest
 - c. Look for opportunities now to demonstrate the soft skills valued by Fellowships and Industry
 - d. All of the above

Knowledge Check



- True or False:
In order to obtain a fellowship, you must have completed a rotation or internship with a pharmaceutical company.
 - a. True
 - b. False

Knowledge Check



- Which functional area is primarily responsible for developing clinical trial protocols?
 - a. Commercial
 - b. Research and Development
 - c. Medical Affairs
 - d. Regulatory Affairs

Resources and Helpful Links



- Visit our **website**
 - <http://PharmaFellows.rutgers.edu>
- Join our **Facebook** group
 - <http://Facebook.com/RutgersFellowship>
- Follow our **Instagram** page
 - [@rutgersfellow](#)

RUTGERS

Institute for Pharmaceutical
Industry Fellowships

@RutgersFellow | #RPIF | Rutgers Fellow



SURVEY TIME

https://rutgers.ca1.qualtrics.com/jfe/form/SV_7OPJSVQqZ1G0qW2



Q&A

You have

Questions

We have

Answers

