

2020-2022

ST. JOHN'S UNIVERSITY COLLEGE OF PHARMACY AND HEALTH SCIENCES

PHARMACEUTICAL INDUSTRY FELLOWSHIP PROGRAM



In partnership with



**ST. JOHN'S
UNIVERSITY**

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PROGRAM LEADERSHIP



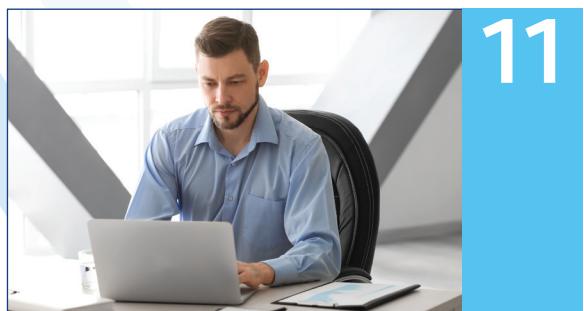
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AMERICAN REGENT

PROGRAM LEADERSHIP



"The American Regent Post-Doctoral Fellowships foster and encourage professional growth for highly motivated individuals seeking to enhance their careers through a challenging program. Our organization offers diverse project opportunities and the flexibility to train in different functional areas of interest. We are committed to the success of our fellows through our partnership with St. John's University and seek to provide fellows with the means to establish skills necessary to excel within the pharmaceutical industry."

Ken Keller, President & CEO

Daiichi Sankyo, Inc. and
American Regent, Inc.



"The American Regent Medical Affairs Fellowship represents an excellent opportunity for a PharmD to gain pharmaceutical industry experience and expand their clinical knowledge through active participation on the Medical Affairs team.

The fellowship provides an opportunity to obtain an understanding of the role of Medical Affairs in the biopharmaceutical industry; develop clinical data analysis, interpretation, and communication skills; gain the ability to recognize unmet patient needs and render clinical insights; and develop industry-appropriate professional skills. The fellow will interact with Medical Information, Medical Communications, Scientific Alliances, Medical Education, Medical Director, and Medical Science Liaison teams, and with key cross-functional groups including Safety, Regulatory, and Clinical Development."

Syed Numan, MD, MBA, PMP

Medical Director, Head of Medical Affairs
Fellowship Program Director



"For the past 17 years St. John's University, College of Pharmacy and Health Sciences, has partnered with select Pharmaceutical Industry companies to provide Doctor of Pharmacy graduates with structured postgraduate education fellowships that develop leadership, practice, research, and teaching skills to succeed in the industry today and in the future."

Joseph M. Brocavich, Pharm.D.

Senior Associate Dean for Pharmacy Programs
Associate Clinical Professor



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CONTACT INFORMATION

ABOUT AMERICAN REGENT



About American Regent:

American Regent has a long history in the pharmaceutical community. Since the launch of our company under the name American Quinine in 1967 to our recent product launch of Selenious Acid Injection, USP in 2019, American Regent keeps the health of patients as our guiding principle.

American Regent is a leading manufacturer of high quality generic and branded specialty injectables. We maintain a robust and diversified pipeline for future growth encompassing multiple disease indications, along with a proven record of fast-tracking both NDAs and ANDAs with innovative regulatory strategies. American Regent remains in an excellent position for future growth because of our capabilities in the area of pharmaceutical product development. Our development capabilities include hormones, controlled substances, cytotoxic molecules, imaging products, antibiotics, nutritional products, and complex generics (peptides, microspheres, lipid based nano-carriers drug delivery systems).

The American Regent team is committed to providing the ever-changing healthcare marketplace with a growing and diversified portfolio of branded and generic specialty injectable products for healthcare providers and their patients.

Currently Supported Products



Injectafer®, the Injectafer® logo, Venofer®, and the Venofer® logo are trademarks of Vifor (International), Inc., Switzerland. ProvayBlue® is a registered trademark of Provepharm Life Solutions, France
Learn more at: www.americanregent.com

CURRENT FELLOWS



"The fellowship at American Regent, through partnership with St. John's University, allows the fellow a unique perspective into the pharmaceutical industry. Through involvement in cross-functional projects, the fellow learns the intricate dynamics of collaborative teamwork in a professional environment. The program is structured in a way that ensures that the fellow receives exposure to all functional groups involved in Medical Affairs, while allowing enough flexibility to tailor the fellowship to individual interests."

This fellowship experience prepares the fellow to be a competitive leader in the pharmaceutical industry by providing hands-on experience with effective mentors. Through the completion of real-world tasks, the fellow gains an understanding and appreciation of a wide array of responsibilities, from managing the logistics of publishing to analyzing data about key company products."

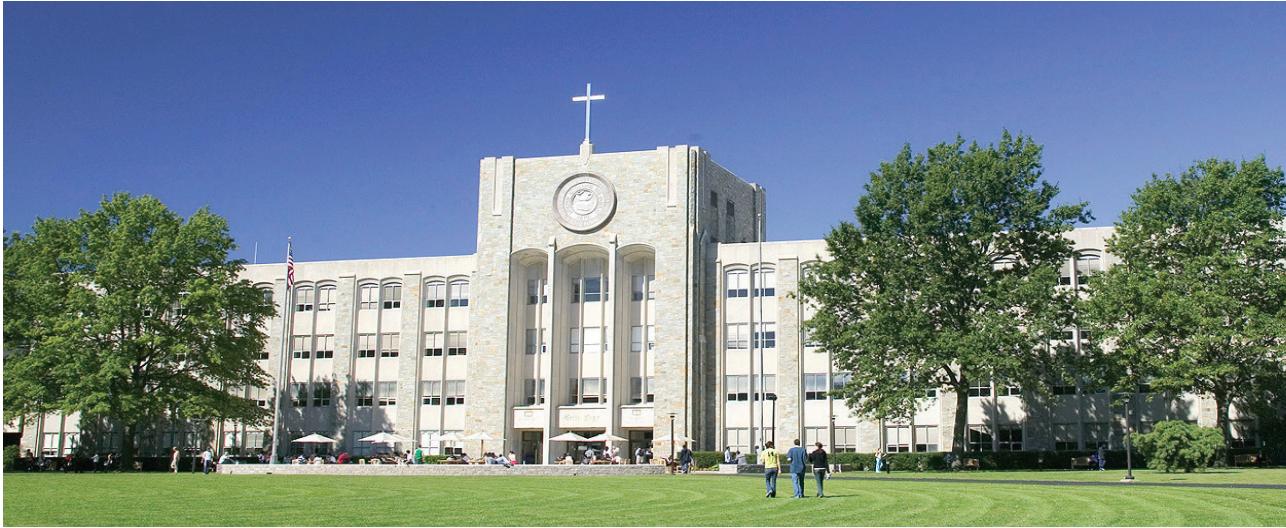
Alex Shiling, Pharm.D., RPh, MS

Medical Affairs
First-year Fellow
Temple University, Philadelphia PA



The American Regent fellowship recruits yearly for Medical Affairs. Fellowships are headquartered in the Norristown, PA office with professional development days located on the St. John's University campus in Queens, NY.

Currently Recruiting for Medical Affairs 2020-2022



St. John's University College of Pharmacy and Health Sciences provides undergraduate, graduate, and post-doctoral programs focused on global impact, which cultivates the tools necessary to find solutions to complicated healthcare issues. Located in Queens, NY, St. John's commitment to excellence and renowned faculty inspire students to practice patient-centered care and shape the future of healthcare.

St. John's University will empower diverse learners with quality education for life. Through innovative teaching, research, and service we will foster rational, spirited inquiry and intelligent reflection. Our student centered approach will be shaped by a caring, energized, nimble culture. Enlivened by our distinctive mission, our graduates will excel in the competencies and values required for leadership and service in a rapidly evolving global community. As a Catholic and Vincentian university, we will be known worldwide for addressing issues of poverty and social justice.

Learn more at: <https://www.stjohns.edu>

Fellows at St. John's:

The fellow will be a full time St. John's University employee. A competitive stipend will be provided, as well as options for comprehensive health, dental, and vision insurance.

Each fellow is responsible for completing semester-long teaching requirements at the University and an additional fellowship research project that may include original research, or the development, enhancement, or evaluation of some aspect of operations or patient care services.

Upon Fellowship Completion:



Certificate of Completion
Teaching Certificate

Additional Fellowship Opportunities:

- The fellow may apply for an affiliate faculty appointment for St. John's University College of Pharmacy and Health Sciences
- Precept St. John's University Doctor of Pharmacy Candidates
- Perform collaborative research with St. John's faculty
- Enroll with tuition remittance for Graduate Degree programs (Master's or PhD degrees)

MEDICAL AFFAIRS

Currently recruiting for 2020-2022



Pharmacists in the Medical Affairs Department provide efficient and unbiased medical information concerning the company's pharmaceutical products to healthcare professionals, consumers, and internal associates.

Medical Affairs Overview:

- Develop and utilize strong clinical trial analysis skills to evaluate medical literature, interpret scientific data, and support healthcare professionals and consumers
- Create and present educational lectures on products and disease states to internal and external stakeholders
- Attend medical/scientific meetings to ensure an in-depth understanding of the latest advances and updated scientific information that will help shape our publication and Investigator Sponsored Study strategies
- Work with the Medical Affairs team including, but not limited to: Medical Communications Leads, Medical Science Liaisons, Medical Directors, Medical Writers, and other relevant team members on the development and approval of core clinical material
- Manage company expectations while effectively integrating key clinical messages for dissemination to a wide array of audiences
- Acquire the medical expertise and experience to thrive in the pharmaceutical industry while complying with FDA and PhRMA regulations

Medical Science Liaison (MSL) Overview:

- Establish and maintain working relationships with healthcare professionals
- Provide education by creating scientific dialogue around American Regent products and sponsored research
- Fellows will have the opportunity to shadow the Medical Science Liaison (MSL) team and attend relevant conferences to deepen their understanding of Medical Affairs in a professional, pharmaceutical industry setting

Second Year:

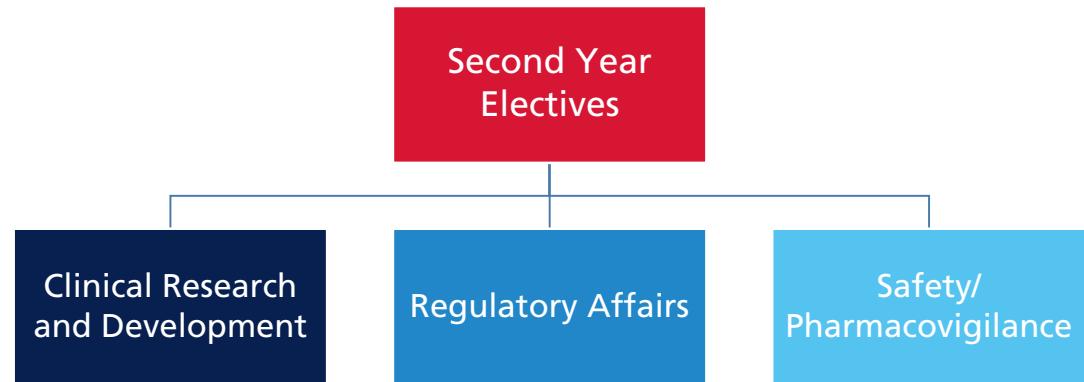
The second-year fellow will have the option to rotate through a variety of functional areas to foster professional growth and to identify areas of interest.

1	Months 1-9
	Medical Affairs
	Months 9-12
2	Medical Science Liaison (MSL)
	Clinical Research and Development
	Regulatory Affairs
3	Safety / Pharmacovigilance

FELLOWSHIP ELECTIVE ROTATIONS

The second-year fellow will have the option to rotate through a variety of functional areas to foster professional growth and to identify areas of interest.

Second Year Rotations:



Clinical Research and Development:

- Learn the operational aspects of clinical trial designs from initiation, execution, and study completion
- Work with Clinical Operations to manage and update study time lines and budgets, and participate in the processes of ongoing data review, analysis, and reporting while understanding the roles and responsibilities of clinical team members
- Understand the lifecycle of clinical trials, identify study milestones, and develop study timelines that align with the clinical development plan
- Utilize clinical research skills inclusive of systematic literature reviews, oral and written communication skills, and the preparation of abstracts, articles in scientific journals, and study training materials for internal and external stakeholders

Regulatory Affairs:

- Gain an understanding of the regulations, guidelines, standard practices, and roles of Regulatory Strategy in the development of products for commercialization
- Provide strategic input to support the development, filing, and regulatory approval of new drug products
- Participate in planning and preparing for interactions with Regulatory Health Authorities, and generate responses to inquiries
- Contribute to drafting regulatory documents and participate in filing and maintaining Investigational New Drugs (INDs) and New Drug Applications (NDAs)

Safety/Pharmacovigilance:

- Develop an understanding of pharmacovigilance processes within the Argus Safety Database
- Prepare and review aggregate reports under the supervision of the PV Department
- Participate in surveillance and signal detection for company products in a variety of different therapeutic areas
- Establish knowledge of MedDRA coding and applicable regulatory requirements

FELLOWSHIP RESEARCH PROJECT

Each fellow is responsible for completing a fellowship research project that may include original research, or the development, enhancement, or evaluation of some aspect of operations or patient care services.

Past Fellow Projects

Publications:

Population pharmacokinetic/pharmacodynamic modeling of intravenous ferric carboxymaltose in pediatric subjects with iron deficiency anemia

Jay Jones, 2018

Accepted and presented at ACCP Conference

Intravenous iron therapy in patients with iron deficiency anemia: dosing considerations

Jennifer Myers, 2015

Comparative review of the safety and efficacy of ferric carboxymaltose versus standard medical care for the treatment of iron deficiency anemia in bariatric and gastric surgery patients

Hepcidin levels predict non responsiveness to oral iron therapy in patients with iron deficiency anemia

Direct comparison of the safety and efficacy of ferric carboxymaltose versus iron dextran in patients with iron deficiency anemia

A review of intranasal ketorolac tromethamine for the short-term management of moderate to moderately severe pain that requires analgesia at the opioid level

Andy He, 2012-2013

Presentations and Surveys:

Iron Deficiency Anemia Review

Jaclyn Viola, 2015

Continuing Medical Education

Sales Representative Survey

Ryan Kuriakose, 2012

Rebrand and Redesign of American Regent Product Labels

Arun Matthew, 2018

Industry Principles Guidance Survey

Anna Krupa, 2018

ALUMNI HIGHLIGHT

Medical Affairs & Pharmaceutical Marketing

Jaclyn Viola, Pharm.D., RPh

Senior Manager, US Oncology Marketing, Pfizer, 2018-present
Daiichi Sankyo Product Manager, DSAC Marketing & Access Strategy, Iron Franchise Marketing, 2017-18
American Regent Product Manager, Iron Franchise Marketing, 2016
American Regent Associate Product Manager, Iron Franchise Marketing, 2015-16
Medical Affairs & Pharmaceutical Marketing Fellow, 2013-15

Andy He, Pharm.D., RPh

Associate Director, US Medical Affairs - Solid Tumor at Daiichi Sankyo, 2018-present
Senior Manager, Global Medical Affairs and Clinical Development- Analgesics, Bayer, 2015-2018
Medical Affairs Manager, American Regent, 2013-15
Medical Affairs & Pharmaceutical Marketing Fellow, 2011-13

Jennifer Myers, Pharm.D., RPh

Medical Science Liaison, Novartis, 2017-present
Medical Science Liaison, AbbVie, 2015-17
Associate Product Manager, Marketing, American Regent, 2014-15
Medical Affairs & Pharmaceutical Marketing Fellow, 2012-14

Ryan Kuriakose, Pharm.D., MS

Vice President of Strategy and Business Development, Orphidia, 2016-present
Analytics Product Manager, Omnicell, 2013-16
Product Manager, Marketing, American Regent, 2012-13
Medical Affairs & Pharmaceutical Marketing Fellow, 2010-12

Arun Mathew, Pharm.D., MBA, MPS

Medical Science Liaison, American Regent, 2019-present
Medical Affairs & Pharmaceutical Marketing Fellow, 2017-19

APPLY NOW

Eligibility:

Potential applicants for the St. John's University/American Regent fellowship programs must meet the following criteria:

- Graduate from an Accreditation Council for Pharmacy Education (ACPE) accredited Doctor of Pharmacy Program
- Genuine interest in the pharmaceutical industry
- Eligible to work in the United States

How to Apply:

Please electronically send all required items and correspondence to:

Dr. Joseph Brocavich: brocavij@stjohns.edu

Required items:

Deadlines:

Curriculum Vitae	December 16 th , 2019
Letter of intent	December 16 th , 2019
College Transcript <small>*does not have to include the fall semester grades</small>	December 16 th , 2019
Three Letters of Recommendation	December 16 th , 2019

Schedule an Interview:

Interviews will begin Sunday, December 8th, 2019 at American Society of Health-System Pharmacists (ASHP) Midyear in Las Vegas, NV.

To schedule an interview at Midyear, please email **Dr. Brocavich** at brocavij@stjohns.edu.

Note: Fellowships are headquartered in the Norristown, PA office with professional development days located on the St. John's University campus in Queens, NY.

Questions:

Please contact fellowship@americanregent.com for any and all questions regarding the fellowship program or application process.

For more information, please visit: <https://www.stjohns.edu/academics/schools-and-colleges/college-pharmacy-and-health-sciences/residency-and-fellowship-programs>



Pennsylvania Office

800 Adams Avenue Suite 200,
Norristown, PA 19403
www.americanregent.com

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ST. JOHN'S
UNIVERSITY

8000 Utopia Parkway, Queens, NY 11439
Tel: 718-990-1439
Fax: 718-990-1871
www.stjohns.edu