



**Eli Lilly and Company**

# Visiting Scientist Fellowship

The Visiting Scientist Fellowship is a one-year, postgraduate program that presents PharmD, MD, PhD and relevant Master degree graduates with direct exposure to medical, marketing and regulatory aspects of drug development. The fellowship offers a wide array of dynamic and challenging positions, each designed to train professionals for a career in the pharmaceutical industry. Fellows directly impact the business at Eli Lilly and Company while developing valuable personal and professional skills.

*Lilly*

## The Visiting Scientist Fellowship at Eli Lilly and Company

The Visiting Scientist Fellowship is an esteemed pharmaceutical industry-based program. Established in 1994, it now has a deeply involved, highly influential and passionate group of more than 150 alumni. The purpose of the fellowship is to develop individuals into effective, prominent professionals who will contribute to developing the next generation of drugs that will improve patients' lives.



*"The Visiting Scientist Fellowship helped me learn about roles for pharmacists in industry that I didn't even know existed. Both the experience and the perspectives gained helped me identify an ideal career for me, one for which I was well prepared and ideally suited. Lilly's Visiting Scientist Fellowship is one of the most important initiatives we have for bringing invaluable scientific talent into our company. The fellows' unique and fresh perspectives, as well as their scientific expertise, add significant value to the work we do every day."*

**Stacy Holdsworth, PharmD**

Senior Advisor, Global Regulatory Affairs – US Promotion, Advertising & Policy

1998 Fellow, Global Regulatory Affairs

Executive Sponsor, Visiting Scientist Fellowship

## The Pharmaceutical Industry and Eli Lilly and Company

The pharmaceutical industry offers an endless amount of opportunities for growth and advancement to motivated individuals seeking a challenging and rewarding career.

Eli Lilly and Company is a global, research-based pharmaceutical corporation that makes medicines that help people live longer, healthier, more active lives. Lilly's products are marketed in 120 countries and include the core therapeutic areas of Diabetes, Oncology and Biomedicines. Lilly was founded in 1876 and is one of the largest pharmaceutical companies in the world. Across the globe, Lilly has developed productive alliances and partnerships that advance our capacity to develop innovative medicines at lower costs. Lilly is consistently ranked as one of the best companies in the world to work for, and generations of Lilly employees have sustained a culture that values excellence, integrity and respect for people.





# Visiting Scientist Fellowship Positions

## Global Pricing, Reimbursement and Access (PRA): New Product Planning

The Visiting Scientist Fellow will work across therapeutic areas in the pipeline to apply scientific expertise in a commercial role. The fellow will gain insights on how payers from key markets make PRA decisions and how those decisions affect patient access and pricing of those treatments.

*The Visiting Scientist will:*

- » participate in market research and advisory boards to understand payers' needs in key markets from a macro-environmental level and for specific diseases and pipeline medicines
- » work with business partners to represent these payer requirements to inform the commercial strategy and clinical development program of medicines within the pipeline
- » develop strategic price and access recommendations and other inputs for use in forecasting

## Medical Digital Strategy and Capabilities

The purpose of the Global Medical Digital Strategy fellowship is to support effective and efficient delivery of medical information and enhance customer interactions with Lilly medical affairs. Each is critical to meeting customer experience expectations and enabling Lilly's goal of improving patient outcomes. The fellow will complete projects related to the creation and delivery of medical information to health care professionals and consumers. The program also offers practice and familiarity with information disclosure activities including use of digital channels to communicate medical answers to customers. Additionally, the program focuses on enhancing customer experiences with Lilly such as virtual meetings and digital enhancements to live interactions. The fellow will gain experience and insight into customer channel preferences, mobile technology and social media. The Global Medical Channels and eCapabilities group is charged with developing best-in-class digital capabilities for Global Medical Affairs that proactively anticipate and meet our customers' needs.

*"Take what you find here and make it better and better."*

-Col. Eli Lilly

## Pharmaceutical Project Management

Pharmaceutical Project Management (PPM) provides proactive leadership in integrating drug development across all functions and translating strategy into execution to deliver medicines to patients.

*The Visiting Scientist Fellow will:*

- » interact routinely with individuals from clinical, Chemistry/Manufacturing/Control (CMC), toxicology, ADME, regulatory, health outcomes, legal, discovery and marketing. PPM is the central hub and integration point of the drug development core team
- » impact drug development strategy as it relates to the project timeline, scope, budget and risk
- » utilize necessary project management skills to facilitate delivery of team milestones on time, on budget and within scope for drug assets across various therapeutic areas within Lilly's portfolio
- » manage cross-functional communications, document key team information and decisions and ensure project management systems are accurate and up to date
- » demonstrate leadership with regard to shared learning, process improvement and identification of special/complex needs as they pertain to primary responsibilities

## Clinical Trial Management

Clinical Project Management is responsible for driving the pipeline progression and delivering key trial milestones on time utilizing project management technologies. The Clinical Trial Manager is accountable for the overall project management of clinical trial development and execution. This is accomplished by putting together credible clinical project plans regarding scope, cost and timeline while driving the implementation and ensuring good clinical practice is followed.

*The Visiting Scientist Fellow will:*

- » lead the cross-functional study team in development and implementation of clinical trials worldwide
- » combine scientific knowledge and process expertise to impact clinical trial design, feasibility and implementation and manage clinical trial tasks from protocol development to final study report completion
- » manage activities utilizing project management tools to ensure delivery of clinical trials on time and within budget
- » utilize influence to build relationships with other key functional areas and across third-party organizations

## Global Medical Information

The Global Medical Information (GMI) Visiting Scientist Fellow will be responsible for implementing and maintaining a global strategy for products that have already launched major indications within pivotal geographic regions. The GMI fellow will continuously strive to improve the customer experience at first customer touchpoint (including call center, digital and field-based medical support) utilizing existing and emerging technologies to deliver innovative solutions.

*The Visiting Scientist Fellow will:*

- » manage a global portfolio of medical information responses (including but not limited to medical letters, FAQs, slide kits, literature searches, publications, web pages, etc.) according to appropriate procedures
- » respond to unsolicited verbal and written medical information inquiries from HCPs in a prompt, accurate and compliant manner, and utilize customer insights to drive the medical information strategy
- » incorporate a multi-channel content strategy to deliver medical information to customers within their preferred channel
- » participate in ongoing comprehensive product/disease area training to affiliate and call center partners and serve as the medical information expert within area of responsibility

## Global Medical Affairs and Clinical Development Operations

With a focus on the customer, the Global Medical Affairs -Oncology organization looks to support the launch of important new medicines to continue our mission to "Change the World of Cancer Care." The fellow in this role will work with our global brand development teams to help translate cross-functional needs for medical support (marketing, affiliates, regulatory, etc.) for launch success into a feasible integrated global medical and clinical development launch plan. It is essential that the fellow work cross functionally and globally in the development and execution of the medical programs and tools to meet customer needs, driving for consistency and continuity in all medical channels. This would include, but is not limited to, customer support materials, education materials, advisory board content and preparation, scientific conference materials and other medical knowledge management tools. Another potential area of focus would be to support the execution of a brand's global medical thought leader plan, particularly the tactics linked to the global medical objectives.

## Visiting Scientist Fellowship Positions (continued)

### Global Patient Outcomes and Real World Evidence (GPORWE) Platform Scientist

Lilly's GPORWE function generates and communicates evidence that helps differentiate Lilly's medicines from other treatments so that payers, patients and doctors understand when and how to use the medicines and the expected patient outcomes.

*The Visiting Scientist Fellow will:*

- » provide scientific, methodological and conceptual expertise to assist in the development and/or commercialization of a product and ensure successful fulfillment of health outcomes research plans
- » focus on diseases and/or treatments that Lilly is developing within biomedicines and may span the entire lifecycle of product development and commercialization
- » lead or participate in projects that may focus on key healthcare policy issues, economic outcomes, patient-reported outcomes, clinical outcomes or therapeutic utilization
- » be responsible for the conduct, quality and integrity of real-world evidence studies and scientific disclosures resulting from this research
- » demonstrate leadership through knowledge sharing, process improvement and identification of needs as they pertain to their primary responsibilities

### Clinical Innovation

Clinical Innovation is a small, tight-knit team. Clinical Innovation has a creative and DIY atmosphere, utilizing skills such as programming, art, design, audio/visual, electrical engineering, science and more. We apply Design Thinking principles to spur innovation in next generation clinical trial development, with an emphasis on patient centricity.

*Our Design Thinking process is broken down into three practices:*

- » Kitchen Table – a human-centered approach to gathering and processing empathy as well as ideation
- » Workbench – an agile environment used to quickly iterate on our ideas to create viable prototypes
- » Proving Ground – a method used to test our prototypes and gather feedback used to further iterate on our projects

These practices are used to determine feasibility, experiment with new technology, show proof of concepts and present stories in multimedia-rich formats. The fellow will be integrated directly into the team and will be given all the support necessary to succeed. This experience will provide many opportunities to learn the clinical development operating model and methods that can improve clinical trials.

### Medical Liaison and Regional Medical Lead Capabilities

The Visiting Scientist Fellow will work across two field medical functions to leverage their scientific expertise in a support role. The fellow will gain insight into both the Medical Liaison and Regional Medical Lead organizations and how they meet the needs of external customers.

*The Visiting Scientist Fellow will:*

- » help to identify and create resources for field utilization
- » partner with therapeutic area colleagues on medical information, scientific disclosures and product launch activities
- » participate in strategic planning for future needs across all business units
- » network within regulatory affairs and across affiliates to improve global labeling processes

### Global Public Policy

*The Visiting Scientist Fellow will:*

- » develop well-reasoned positions and sound information, through research, analysis and collaboration, to help Lilly shape public policy in ways that support improved outcomes and continued incentives for investment in biopharmaceutical innovation
- » apply scientific knowledge and work cross functionally to develop new policy solutions
- » focus on today's important policy issues related to topics like biologics and biosimilars, health technology assessment, healthcare reform, health financing and benefits design and innovation policy
- » develop versatile skills that can be applied throughout the industry

*“The Visiting Scientist Program is more than just a fellowship, it is a family. It allows you to participate in an innovative culture to grow personally and professionally.”*

**George**, Associate Consultant, US Oncology Payer Marketing  
2014 Fellow, Global Public Policy





## Regulatory Affairs: Global Labeling Department

*The Visiting Scientist Fellow will:*

- » develop and update Core, US and Canada labeling from initial registration throughout the lifecycle of products and devices
- » apply labeling regulations, competitor knowledge and regulatory precedent to evaluate and set labeling parameters, understand and communicate the impact of decisions, influence drug development strategy and propose feasible language for marketed products to influence commercially viable labeling
- » network within regulatory affairs and across affiliates to improve global labeling processes

## Managed Healthcare Services Payer Marketing and Strategy

The Visiting Scientist Fellow will work across therapeutic areas in the pipeline to apply scientific expertise in a commercial role. The fellow will gain insights on how payers in the United States make pricing, reimbursement, and access decisions and how those decisions affect patient access and pricing of those treatments.

*The Visiting Scientist Fellow will:*

- » participate in market research and advisory boards to understand payers' needs in key markets from a macroenvironmental level and for specific diseases and pipeline medicines
- » work with business partners in Managed Healthcare Services, US Strategic Pricing, US Medical and Brand Marketing to represent US affiliate requirements to inform the commercial strategy and clinical development program of medicines within the pipeline.
- » develop strategic price and access recommendations and other inputs for use in forecasting
- » lead assessments of US environmental trends and develop PRA strategies based on business and customer needs

## Regulatory Affairs: Global Regulatory Policy and Strategy

This is a split role between US and International Regulatory Policy.

*The Visiting Scientist Fellow will:*

- » identify and assess external regulatory trends with potential to positively or negatively impact the ability of the pharmaceutical industry to bring innovative treatments to market

- » develop Lilly positions on key regulatory policy issues and advocate for policy change in the US, Europe and other countries
- » cultivate opportunities to engage in external multi-stakeholder coalitions to achieve shared regulatory policy objectives
- » lead policy initiatives to enhance global regulatory compatibility
- » contribute to briefings and updates for Lilly senior leadership

## Clinical Research Scientist

The US Oncology Medical Affairs and Development Clinical Research Scientist role is multi-faceted working across clinical trials, marketing, patient safety, health outcomes, medical information, scientific communications, regulatory, and advocacy. The CRS supports the creation, development, approval, and execution of clinical trials and related projects on Lilly products in development and on the market. Additional opportunities for a fellow may include development and approval of medical resources, promotional materials, publications, and disease state education among other items.

## Regulatory Affairs: Central Regulatory Registrations

*The Visiting Scientist Fellow will:*

- » demonstrate knowledge and understanding of regulations and guidelines and how they apply to regulatory registrations
- » demonstrate knowledge of the drug development process to build robust registration plans and to influence teams regarding registration applications
- » own the operational aspects of the regulatory registration for the lifecycle of the registration record
- » partner with the regulatory scientist to proactively manage the registration application content
- » demonstrate and apply deep understanding of regulations and guidances for compliance submissions
- » lead registration application planning and execution to ensure meeting regulations while meeting team needs
- » influence and partner within Global Regulatory Affairs and cross-functionally to ensure operational consistency

## US Health Outcomes (USHO)

USHO is responsible for generating and communicating real-world evidence to US value-based customers. USHO Real World Outcomes Scientists develop, execute and generate research that supports the value of Lilly products and enables customers to make better access decisions for their populations. USHO Real World Outcomes Liaisons directly interact with value-based customers (e.g. payers) to communicate and translate the research into meaningful and actionable evidence for decisionmakers.

*The Visiting Scientist Fellow will:*

- » interact with HO Scientists to understand and support the research plans and projects for specific brands and learn health outcomes research concepts
- » interact with Outcomes Liaisons to understand and support external value-based customer responses and interactions
- » learn and use the scientific, clinical, health outcomes and product knowledge relevant to their assignment, specific to one or across multiple brands
- » learn and leverage an understanding of health outcomes and value-based customers to enable success in this role

## Clinical Pharmacology

Clinical pharmacology provides scientific leadership and operational excellence by serving as a clinical integrator in the drug development lifecycle to lead and inform the organization as to whether or not a molecular entity has the potential to become a medicine. Clinical pharmacology studies are phase 1 trials, such as exploratory, drug-drug interaction, food effect, PK/PD and bioavailability studies that are executed in healthy volunteers and patients globally across all therapeutic areas.

*The Visiting Scientist Fellow will:*

- » develop an understanding and gain exposure to drug development while utilizing scientific/clinical background in a fast-paced, dynamic environment
- » execute early-phase clinical trials from start to finish
- » be responsible for managing the scope, budget, timeline, resources and risks of a trial
- » lead clinical trial team meetings to pushing the molecule forward while focusing on protocol development, operational execution and strategic decisions
- » engage in transformational projects meant to speed innovation and deliver strong business results

## Current Visiting Scientist Fellows

*"The Visiting Scientist Fellowship has encouraged me to explore all facets of the drug development process and immediately delve into my role in the rapidly changing environment that surrounds new product launch. I am challenged on a daily basis to provide essential medical support and ascertain innovative solutions to customer needs in order to bring new life-saving therapies to patients across the globe. In addition, the fellowship provides an essential support and development network of current and past fellows."*

**Kyle Frantz, PharmD**



**Kyle Frantz, PharmD**  
Global Medical Affairs and Clinical  
Development Operations  
Butler University



**Lauren Lyles, PharmD**  
Regulatory Affairs:  
Global Regulatory Policy and Strategy  
University of Mississippi



**Limin Zhang, PhD, PharmD**  
GPORWE: Center of Expertise  
Purdue University

*"The Visiting Scientist Fellowship provided me with a unique opportunity to gain health outcomes research experience in an industry setting. In contrast with other programs, the Visiting Scientist Fellowship allowed me to begin working with a brand team on day one to help strategize the research needed to construct the product's value story. In addition, the availability and insight of mentors throughout the company encourages an environment of growth and development."*

**Catherine Herren, PharmD, MS**



**Catherine Herren, PharmD, MS**  
GPORWE: Oncology Research Scientist  
University of Kentucky



**Scott Morrett, PharmD, MBA**  
Regulatory Affairs: Advertising/Promotion  
Drake University



**Nedina Kalezic, PharmD**  
Data Sciences and Solutions - Oncology  
Midwestern University



**Nicole Teig, PharmD**  
Pharmaceutical Project Management  
North Dakota State University



**Arya Mehr, PharmD**  
Clinical Development Information &  
Optimization - Oncology  
University of Washington



**Rachel Booze, PharmD**  
Regulatory Affairs:  
Global Labeling Department  
Purdue University

*"The Visiting Scientist Fellowship has afforded me the chance to dive immediately into a challenging commercial function. My specific role is a healthy blend of long-term scientific and business strategy, with very high expectations from internal stakeholders regarding my deliverables. The accelerated nature of the 1-year program is unique to Lilly and the high-caliber Fellowship class provides a great support network both inside and outside the office."*

**Aiden, Consultant Global PRA**  
2015 Fellow - Global PRA - NPP



**Nicholas Moore, PharmD**  
Regulatory Affairs: Regulatory Intelligence  
Purdue University



**Rachel Hoffman, PharmD, MS**  
Medical Digital Strategy and Capabilities  
Butler University



**Saranpreet Nagra, PharmD**  
Clinical Innovation  
University of the Pacific



**Shivani Vora, PharmD**  
US Health Outcomes  
University of Florida



**Alexandra Terry, PharmD**  
Regulatory Affairs:  
Central Regulatory Registrations  
University of Illinois at Chicago



**Neil Shah, PharmD**  
Global Medical Information  
St. Louis College of Pharmacy



**Mark Borns, PharmD**  
Global PRA: New Product Planning  
The Ohio State University



**Erin Skahill, PharmD, MPA**  
Global Public Policy  
Drake University

## Visiting Scientist Leadership



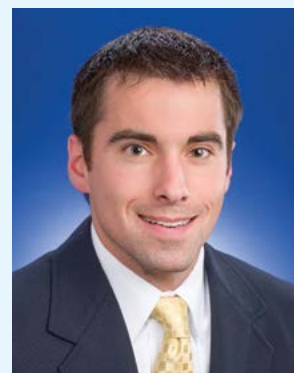
**Jason Singer, PharmD,**  
FACEHP, CCEP  
Manager, Global Medical  
Information – Oncology



**John Kaiser, PharmD**  
Consultant, Global Regulatory Affairs –  
North America



**April Naegeli, DrPH, MPH**  
Senior Research Scientist, GPORWE:  
Center of Expertise



**Collin Churchill, PharmD, MBA**  
Outcomes Liaison Advisor,  
US Health Outcomes



# Application Process

Acceptance into the Visiting Scientist Fellowship is highly competitive. In addition to outstanding scholastic achievements, qualified candidates must have demonstrated exceptional communication and leadership capabilities.

**Minimum Requirements:** PharmD, MD, PhD, or relevant Master degree completed by May 2017. Qualified candidates must be legally authorized to be employed in the United States. Eli Lilly and Company does not anticipate providing sponsorship for employment visa status (e.g., H-1B status) for this employment position.

Visiting Scientist Fellows are one-year fixed duration Lilly employees with full benefits, including competitive salaries, relocation assistance, vacation and company holidays and 401(k), as well as medical, dental and life insurance. Learn more at <https://careers.lilly.com/campus>.

**How to Apply:** applicants attending ASHP Midyear must register through PPS to be considered for an interview. For all other applicants, submit your CV online beginning **November 2016** at [www.lilly.com/careers/student-opportunities](http://www.lilly.com/careers/student-opportunities). Click on 'Search Openings.' In the 'Keyword' box enter "Visiting Scientist" and follow the instructions to apply and create a profile.

**Selection Process:** screening interviews for PharmD candidates will be conducted at the ASHP Midyear Meeting and Exhibition December 4-8, 2016 in Las Vegas, Nevada or by contacting Lilly directly. Screening interviews will assess a candidate's fit for Lilly and the VSF program rather than for one of the specific 2017-2018 positions listed previously.

**Onsite interviews** will be conducted at Lilly's headquarters in Indianapolis starting January 2017 and will be for a specific role. Final candidate selections will be complete by February 2017 at the latest. The start date for the 2017 fellowship will be between June and July.

Additional questions: contact Jason Singer, at [singer\\_jason@lilly.com](mailto:singer_jason@lilly.com).

## Indianapolis, Indiana USA

*Indianapolis is the second largest city in the Midwest and the 12th largest city in the nation. With its wide-open green spaces, a bustling downtown, its rich historical architecture, modern malls, and nearly 300 downtown restaurants and bars, Indianapolis offers something for everyone. "Indy," or the "Circle City," is best known for hosting the Indianapolis 500, Brickyard 400, the Men's and Women's NCAA Basketball Championships, and, in 2012, Super Bowl XLVI.*

*However, Indianapolis also has a vast array of arts, attractions, historical sites, and eclectic cultural districts located in and near the downtown center. For a quick weekend away, Chicago, Cincinnati, St. Louis and Louisville are all within a 4-hour drive. Indianapolis is the perfect balance of big-city style and genuine Hoosier hospitality that makes it a growing destination for corporate meetings, international events and leisure travel. We could go on and on, but we would rather let you experience it for yourself.*

