

— Biopharmaceutical Industry Fellowship Program

[KGI.EDU/FELLOWSHIPS](https://kgi.edu/fellowships)

Dear Fellowship Candidates,

On behalf of the KGI School of Pharmacy and Health Sciences, I would like to thank you for your interest in the KGI Biopharmaceutical Industry Fellowship Program.

We are proud of the Fellowship Program we have built over the last few years and for the high standards of excellence that our sponsors and fellows continuously exceed. KGI truly differentiates itself through the focus we have on aligning ourselves with cutting-edge companies. Our highly innovative sponsors are at the forefront of research and discovery across multiple therapeutic areas and technologies. The rapid development and leadership of our fellows upon graduating from the program is a testament to the level of commitment provided by both the sponsor companies and KGI.

Our goal is to provide dynamic opportunities and mentorship to talented PharmD graduates transitioning into the biopharmaceutical and biotechnology space. We recognize the inherent value of the education and training of individuals who have earned a Doctorate in Pharmacy and strive to ensure each fellow succeeds in making a meaningful difference in the lives of patients.

Please review this brochure to familiarize yourself with what the program has to offer.

This year, we will post our recruitment activities at IPhO Fellow Match and at kgi.edu/employment. We will recruit in the fourth quarter of 2021 for a number of the July 2022 fellowship starts and throughout the year whenever organizations have a business need to recruit fellows.



Sincerely Yours,

A handwritten signature in black ink that reads "Bernard R Tyrrell". The signature is fluid and cursive, with a horizontal line above the "R" and another below the "l".

Bernard Tyrrell, BSc, RPh, MBA

Founded in 2018, the Keck Graduate Institute (KGI) Biopharmaceutical Industry Fellowship Program aims to provide exceptional biopharmaceutical industry training for Doctor of Pharmacy (PharmD) graduates with a broad exposure to the areas fundamental to drug discovery, development, and commercialization. This program will prepare fellows for a career in the pharmaceutical industry by focusing on developing a deep understanding of how companies operate. Each position affords significant experience in a corporate setting, enabling fellows to hone their business and clinical skills. The program also aims to foster professional development; provide intensive, hands-on training; and expose fellows to a variety of industry and academia-based opportunities.

What is an Industry Fellowship?

Program Objectives

A structured one or two-year work experience designed to provide hands-on training in functions fundamental to bringing innovative medical products through development and into commercialization.

An industry-based training program for individuals with a doctorate in pharmacy to further their experience in the biopharmaceutical industry through work experience and clinical research.

Fellows will spend 90 percent of their time on duties specific to the industry site and 10 percent of time on academic development activities with the KGI School of Pharmacy and Health Sciences. All fellows will be eligible for adjunct faculty status.

Fellowship Mission

To develop strong, confident, and competent biopharmaceutical industry leaders through the following:

- Professional development to promote learning agility, scholarship, enhance leadership, critical thinking, and team-building skills
- Networking to establish both personal and professional relationships among colleagues, alumni, industry professionals, and healthcare providers
- Community service to contribute and remain connected within the community

Academic Components

KGI provides a graduate academic environment to guide and support fellows towards building a successful career in the biopharmaceutical industry. KGI recognizes that solving practical, real world challenges—for physicians and pharmacists, as well as industry executives and entrepreneurs—requires close teamwork, creative and critical-thinking skills, and cross-functional fluency. KGI's interdisciplinary curricula integrate technology and management in an innovative and practical way. As a result, our students graduate with a thorough understanding of the results-oriented, collaborative culture in which scientists, doctors, engineers, and managers operate.

Education and Experience

A successful candidate must be a PharmD graduate from an ACPE accredited institution. Substantial background knowledge in a related field is a plus. All candidates must be authorized to work in the United States.

Our fellowship program is the gateway for postgraduate PharmDs to experience and explore the biopharmaceutical industry's diverse working environment. It is both exciting and challenging. Graduates of fellowship programs are highly desirable for their technical expertise, their interpersonal skills, and their understanding of how the business of drug discovery, development, and commercialization occurs on both a domestic and global scale.

Existing KGI Fellowships

Good Clinical Practices (GCP) & Pharmacovigilance (PV) Regulatory Compliance

The GCP & PV Regulatory Compliance Fellowship provides comprehensive practical hands-on biopharmaceutical training and fosters an environment of learning within a fast-growing biopharmaceutical company. The fellow will be paired with leaders in the GCP & PV Regulatory Compliance functional area and will have the opportunity to support various clinical trial and study teams and to work cross-functionally with all departments. The collaborative environment will offer the fellow an enduring network and exposure to all aspects of the drug development process. Fellows will have the opportunity to earn a Teaching Credential through KGI School of Pharmacy and Health Sciences and will follow the 90/10 model, where fellows spend 90% of their time working directly with Ascendis Pharma and the remaining 10% devoted to academic responsibilities, which may include leading lectures, small groups, OSCEs, and other teaching activities at KGI School of Pharmacy and Health Sciences.

Oncology Clinical Development (not recruiting for summer 2022)

The Oncology Clinical Development Fellowship allows fellows the exciting opportunity to train, be mentored, and learn skills that are vital to excel as a Clinical Scientist working on oncology clinical trial design and execution. The fellow will work closely with Clinical Scientists and Medical Monitors on the Clinical Development team, and cross-functionally with all departments. Fellows have the opportunity to stay close to the science, be at the center of the drug development process in industry, and utilize clinical knowledge obtained from the PharmD education in all deliverables. As part of the KGI/Ascendis fellowship 90/10 model, fellows spend 90% of their time working directly with Ascendis Pharma and the remaining 10% is devoted to academic responsibilities at the KGI School of Pharmacy and Health Sciences.

In vitro Diagnostics

The In vitro diagnostics (IVD) fellowship aims to develop next generation leaders in the diagnostics industry. The two-year fellowship program will provide a deep understanding on the development of new diagnostic assays and regulatory submissions. The fellowship will support the development of Ortho Clinical Diagnostics' proprietary IVD assays in all phases from preparing the product requirements document to product launch. The fellow will get an opportunity to engage in different projects and learn about various steps wherein this approach, the fellow will simultaneously learn all the stages of assay development. Fellows will impart key industrial skills like critical thinking, decision making, scientific communication, presentation, risk management and the ability to adapt and thrive in a multicultural environment. Eventually, at the end of this program, the fellow will be able to lead a team for developing next generation IVD assays and make an impact on patients' lives.

Medical Affairs

Fellows will be provided comprehensive practical hands-on biopharmaceutical training and foster an environment of learning with a leading biopharmaceutical company. The fellow will be paired with leaders in different medical affairs functional areas. The collaborative environment will offer the fellow an enduring network and exposure to grow exceptional skills. The fellow will have the opportunity to provide unbiased scientifically balanced information on AbbVie products to healthcare providers and patients. They will support Medical Affairs by providing product and drug information expertise on a wide range on initiatives including the development of scientific and clinical content for standard response letters, FAQs, field medical tools, and compendia submission packages and AMCP dossier, medical review of medical and promotional materials, staffing medical booth at scientific meetings and conferences and consulting on cross-functional activities. The fellow will support the overall operational function of a medical affairs department by participating in process improvement initiatives, tracking and reporting key operational metrics, and supporting investigator-initiated studies. They will collaborate with cross-functional groups through AbbVie that will expose fellow to strategy and the opportunity to work in multiple settings.

Medical Affairs

The Abbott US Scientific Affairs Fellowship is a 2-year post-doctoral program which allows a PharmD graduate to gain in-depth experience in diabetes technology and operations within Medical Affairs. The fellow will be responsible for scientific support of medical information including the creation of Medical Information Standardized letters. Through cross-functional collaboration with field based medical colleagues and Scientific Affairs leadership, the fellow will gain experience in scientific communication; global publication process; development of patient and professional educational resources; medical reviews; fostering diabetes advocacy among health care professionals; scientific congress planning; and health economics and outcomes research. In addition, the fellow will participate in product development teams, contributing clinical and user experience insights. The fellow will be integrated into the medical science liaison team as a critical member of the team where the fellow will have the opportunity to lead key educational initiatives.

Fellowship Companies and Fellows

Ascendis

The Keck Graduate Institute (KGI) Biopharmaceutical Industry Fellowship Program is partnering with Ascendis Pharma (NASDAQ: ASND) to provide two 24-month experiences for recent PharmD graduates in Oncology Clinical Development and Good Clinical Practices (GCP) and Pharmacovigilance (PV) Regulatory Compliance. Ascendis Pharma's unique pipeline features innovative therapies that are driven by flexible TransCon® drug delivery technologies to make a meaningful difference in patients' lives. Driven by core values of patients, science, and passion, Ascendis Pharma studies therapeutics across the oncology and endocrine rare disease spaces to fulfill their mission of developing new and potentially best-in-class therapies that address unmet medical needs. With headquarters in Hellerup in Denmark and Palo Alto in California, Ascendis Pharma is situated in a major pharmaceutical hub. With their first and recent FDA approval for Skytrofa® (lonapegsomatropin-tcgd), a once-weekly treatment for pediatric growth hormone deficiency, Ascendis Pharma is a premier growing biopharmaceutical company committed to supporting the professional development of recent post-doctoral graduates.

— **Eve Kwan,**
Senior Director, GCP and Pharmacovigilance
Regulatory Compliance



"I am so pleased and excited that Ascendis Pharma chose to participate in this fellowship program. I believe it is the ideal setting for the development and growth of recent pharmacy graduates, and a mutually beneficial way to introduce them to the Biotechnology industry. We hope that with exposure to the different stages of drug development, manufacturing, and commercialization that we gain a champion for compliance in industry and a potential future colleague. Our team feels fortunate to have gained a collaborative and capable candidate in Daniel Tran, and for this reason, we look forward to continuing our partnership with KGI in the future."

— **Daniel Tran,**
Ascendis Pharma CGP & PV
Regulatory Compliance Fellow



"I am so happy to have the opportunity to continue my professional development as one of the first fellows at Ascendis Pharma in partnership with the KGI Biopharmaceutical Industry Fellowship Program. As a part of a young and fast-growing company, I am constantly exposed to new initiatives and various aspects of the drug development process. Additionally, I am inspired by my colleagues and their devotion to protecting the welfare of patients and the integrity of the data and products that we produce. With continued exposure to the various stages of drug development and commercialization, I hope to evolve as a professional and leverage my skills to impact the healthcare industry and the patients that we serve."

— **Sibel Slavsky,**
Associate Director, Oncology Clinical Science



"I am so thrilled to have the opportunity to participate in the KGI fellowship program at Ascendis Pharma. Mentoring and managing a fellow has truly been a rewarding experience. This opportunity has helped me become a better teacher, a better listener and has helped me strive to build a more supportive and collaborative work environment here in Clinical Development. Working with Nicole has shown me that working as a clinical scientist offers fellows the unique opportunity to stay close to the science, further develop their presentation and communication skills, provide meaningful clinical input and help support drug development and bring patients closer to life saving therapies. Nicole has been a wonderful addition to our team and we are thankful to have her as a teammate! We look forward to continuing our partnership with KGI and support future fellows with their career endeavors in Clinical Development."

— **Nicole Kowalczyk,**
Ascendis Pharma Fellow



"I'm so grateful to be in the first fellowship cohort at Ascendis Pharma after the recent expansion of the KGI Pharmaceutical Fellowship Program.

Working with my colleagues at Ascendis Pharma has made for a fulfilling, fast-paced experience where I am continually exposed to various documents and initiatives regarding clinical trial design and implementation. Ascendis Pharma truly puts themselves in the patients' shoes, striving to develop patient-centric clinical trials. I am honored to be part of the review of vital documents necessary to keep our trials running, such as the clinical protocol, informed consent, and pharmacy lab manuals. Working cross-functionally with not only those at the company, but also with our vendors for services provided in our trials keeps me learning and expands my critical thinking and problem-solving skills. I've formed meaningful connections with individuals who are proactive in teaching and mentoring me along my fellowship journey."

Ortho Clinical Diagnostics

Ortho Clinical Diagnostics is a leading global provider of in vitro diagnostics. They have an established track record for providing high-quality products and services to the global clinical laboratory and immunohematology communities. They provide hospitals, hospital networks, clinical laboratories, and blood banks around the world with innovative technology and tools to ensure test results are fast, accurate and reliable. Their customized solutions enhance clinical outcomes, improve efficiency, overcome lab staffing challenges and reduce costs.

— **Sharavan Ramachandran,**
KGI Postdoctoral fellow, Ortho Clinical Diagnostics



I am excited to be a part of the KGI Industrial Postdoctoral fellowship program at Ortho Clinical Diagnostics.

The fellowship program provides advanced knowledge in all the necessary transferrable skills to pursue a successful career in the industrial platform. The training plan for this fellowship is designed to train the fellows in all phases of diagnostics assay development from characterization of immunological assay materials to product launch. This fellowship program in Ortho Clinical Diagnostics has provided me a platform to nurture my skills on the global arena, while teaching the values of team building, collaboration, analytical thinking and creativity.

— **Dr. Godwin Ogbonna, PhD; FACB**
Fellowship Program Preceptor
Assay Research & Development



Ortho Clinical Diagnostics, Inc. is a leading provider of in-vitro diagnostic products and services, offering accurate, timely, and cost-effective solutions for screening, diagnosing, monitoring and confirming diseases. Our clinical diagnostics fellowship program is designed to enrich participants with experiential learning by researching and developing best-in-class diagnostic assays from product concept to commercialization. Our fellowship program is aimed to produce the next generation leaders in the clinical diagnostic industry by instilling and enhancing in them team building, collaboration, project management, innovative and critical thinking skills.

AbbVie

AbbVie is committed to the development and commercialization of novel therapies intended to improve the quality and duration of life and to resolve serious unmet medical needs for cancer patients. Oncology is a key therapeutic area for AbbVie, with a portfolio consisting of three marketed products and a pipeline containing multiple promising new molecules that are being studied in more than 200 clinical trials for over 20 different types of cancer.

Fellows

**Mandy Jermain,
Second Year Fellow**



**Harini Bhat,
First Year Fellow**



**Obinna Ekechukwu,
Second Year Fellow**



**Jasvir Kaur,
First Year Fellow**



PCYC preceptors

**Amber Root,
Associate Director, Field Medical Training
Fellowship Preceptor**



**Kelly Brock,
Field Medical Director, Central Region
Fellowship Preceptor**



Abbott Diabetes Care

Abbott Diabetes Care (ADC) is dedicated to helping people live more fully. They're creating the future of healthcare through life-changing technologies and products that make patients healthier and stronger, quickly identifying when they have a medical need, and treating conditions to help them get back to doing what they love. ADC serves people in more than 160 countries with leading medical devices, diagnostics, nutrition products, and branded generic medicines. Their 107,000 colleagues help millions of people to live better and healthier, every day around the world.

Past Fellows



Ricardo Archiga, PharmD

Gilead Fellow 2018–2020
Medical Writer, Medtronic



Kaylee Miu, PharmD

AbbVie Fellow 2019–2021
Assistant Scientific Director in Oncology, AbbVie



Maggie Buchbach, PharmD

AbbVie Fellow 2019–2020
Global Medical Communications Manager, AbbVie



Chloe Nguyen, PharmD

Profusa Fellow 2019–2020
Medical Affairs Manager, Profusa



Amy Choi, PharmD

AveXis Fellow 2019–2020
Medical Information Manager, AveXis



Taylor Noriega, PharmD

Profusa Fellow 2019–2020
Medical Affairs Manager, Profusa



Phillip Lee, PharmD

AbbVie Fellow 2019–2021
Payer Strategy, Neurocrine Biosciences Inc.



Edward Stoia, PharmD

AbbVie Fellow 2018–2019
Medical Science Liaison, Ferring Pharmaceuticals



Jason Mao, PharmD

AveXis Fellow 2018–2019
Medical Information Manager, Astellas

Current Fellowship Locations

- 1 Fellow: Rochester, NY
- 7 Fellows: Bay Area, CA



Application Process

The KGI fellowship program is presently recruiting for both 2021 graduates and before for immediate fellowship opportunities as well as 2022 graduates for July 2022 opportunities.

Candidates must submit all the following application materials to the person identified in the respective job description. Application deadlines will be stated in the job posting. Off-Cycle recruitment will specify the application periods allowed.

- Letter of Intent.
- Updated curriculum vitae (CV).
- One (1) letters of recommendation
- Unofficial pharmacy school transcripts

Requirements

A successful candidate must be a PharmD graduate from an ACPE accredited institution. Substantial background knowledge in specific fellowships is a plus. All candidates must have the right to work in the U.S. The fellowship will provide comprehensive practical hands-on training and foster an environment of learning with a leading biopharmaceutical/biotech company. The fellow will be paired with leaders in the respective functional areas. The collaborative environment will offer the fellow an enduring network and exposure to grow exceptional skills.

Contact Information

Bernard Tyrrell

Associate Dean for Pharmacy and Industry Relations and Professor of Practice for Administrative Sciences;
Certificate Coordinator for Medical and Clinical Affairs, School of Pharmacy and Health Sciences

Keck Graduate Institute

535 Watson Drive
Claremont, CA 91711

909.607.0447 | bernard_tyrrell@kgi.edu





ABOUT KECK GRADUATE INSTITUTE (KGI)

KGI, A MEMBER OF THE CLAREMONT COLLEGES, IS A RECOGNIZED LEADER IN BIOTECHNOLOGY AND HEALTHCARE EDUCATION. KGI OFFERS INNOVATIVE POSTGRADUATE DEGREES AND CERTIFICATES THAT INTEGRATE LIFE AND HEALTH SCIENCES, BUSINESS, PHARMACY, ENGINEERING, AND GENETICS, WITH A FOCUS ON INDUSTRY PROJECTS, HANDS-ON INDUSTRY EXPERIENCES, AND TEAM COLLABORATION.

WITH AN ENTREPRENEURIAL APPROACH AND INDUSTRY CONNECTIONS, KGI PROVIDES PATHWAYS FOR STUDENTS TO BECOME LEADERS WITHIN HEALTHCARE AND THE APPLIED LIFE SCIENCES. KGI CONSISTS OF THREE SCHOOLS: HENRY E. RIGGS SCHOOL OF APPLIED LIFE SCIENCES, SCHOOL OF MEDICINE, AND SCHOOL OF PHARMACY AND HEALTH SCIENCES.

©2021 KECK GRADUATE INSTITUTE