

# Fellowship in Industry Program | 2025







## About University of the Pacific

University of the Pacific is a nationally ranked university with a long tradition of dedicated teaching, small class sizes, practical experience and vibrant residential life. The breathtaking main campus in Stockton, California is home to eight schools and colleges, with more than 80 majors and programs of study. The Thomas J. Long School of Pharmacy opened in 1955 and has a long-standing record for producing high-quality pharmacists with the option for dual degree programs (PharmD/PhD or PharmD/MS) and post-doctoral academic fellowships. Over the last nine years, average annual faculty research grants in the School totaled more than one million dollars with extensive participation in NIH and NSF grants and more than 95 percent of faculty publishing. The School touts a unique decentralized Advanced Pharmacy Practice Experience (APPE) model with seventeen regions having faculty members bolstering teaching, scholarship and service.

Learn more at [pacific.edu/pharmacy](https://pacific.edu/pharmacy)

## Mission

The mission of the Thomas J. Long School of Pharmacy is to prepare students for lifelong success in health careers by providing an excellent, student-centered learning environment. We aspire to develop leadership skills in our students and a strong commitment to their professions, to interprofessional collaboration, and to society. These efforts are assisted by linkages across the University of the Pacific professional and liberal arts programs. We support outstanding professional and graduate teaching, research and other scholarly activity, and services as a means of achieving our mission.



# Welcome Message from the Associate Dean of Professional Programs

Dear Prospective Fellow,

We are so pleased that you are considering the University of the Pacific's Fellowship in Industry Program (FIP) in partnership with Partner Therapeutics. The goal of this program is to increase industry fellowship opportunities offered through partnerships between biopharmaceutical organizations and universities on the West Coast.

At University of the Pacific, the first charter university in California, we value individualized training and focus on leadership development, which are exemplified by our partnership with Partner Therapeutics. For more than 60 years, the Thomas J. Long School of Pharmacy has been training health care professionals who are problem-solvers, innovators and leaders. Our faculty dives deeper, using research to challenge the status quo of health care and education.

As an FIP fellow, you will be fully immersed in a fellowship role at Partner Therapeutics supporting innovative drug development. In addition, you will have opportunities to work alongside the faculty and preceptors at the University, Veteran Affairs Palo Alto Health Care System and Travis Air Force Base where you can engage in research collaboration, grant and manuscript development, teaching, student and resident mentoring and other professional development activities.

I highly encourage you to contact our FIP Director, Dr. Sachin Shah, and the exceptional team of program mentors so you can appreciate how this program can further your future success.

Best Regards,



**Allen Shek, PharmD**

Professor of Pharmacy Practice  
Associate Dean of Professional Programs  
Thomas J. Long School of Pharmacy  
University of the Pacific



## About Partner Therapeutics

Partner Therapeutics (PTx) is an integrated biotechnology company, dedicated to developing and commercializing innovative therapies that address significant unmet needs for patients. Building upon a strong foundation of expertise in oncology, PTx leads and supports groundbreaking research in oncology, pulmonary medicine, and critical care. The company also develops host-directed therapeutic treatments to address global health security threats and medical countermeasures.

With integrated capabilities in research, manufacturing, development, and commercialization, the PTx team works rapidly to bring therapies to patients who need them most around the world. This focus on collaboration and partnership enables us to move development programs forward with an efficient and streamlined approach.

## Values

**Commitment to excellence**

**Passion for patient care**

**Relentless curiosity**

**Respect for all people**

## Pipeline



**Bizengri®**  
zenocutuzumab-zbco  
20 mg/mL Injection for IV Use



**leukine®**  
sargramostim

PTx establishes partnerships from a global network from leading academics, clinicians, and patients advocates who provide unique perspectives to lead successful drug development programs.

## Great Partners. Great Medicines. Great Outcomes.

Learn more at [partnertx.com](https://partnertx.com)





## Welcome Message from the Executive Sponsor

Dear Prospective Fellow,

Are you ready to shape the future of healthcare? At the intersection of medical affairs and development, the Partner Therapeutics Medical Affairs/Clinical Development PharmD Fellowship offers a unique opportunity to shape the future of patient care through innovation, collaboration, and scientific excellence. We are proud to support emerging leaders who are passionate about translating data into meaningful insights and driving therapeutic advancement.

As the executive sponsor, I am committed to fostering an environment where you can grow, contribute, and make a lasting impact. I look forward to seeing the contributions you will make - not just to our organization, but to the broader healthcare community.

Best Regards,



**Pritesh Gandhi, PharmD**

Chief Development Officer  
Partner Therapeutics



**Great Partners. Great Medicines. Great Outcomes.**



# Medical Affairs/Clinical Development PharmD Fellowship (Currently recruiting)

This unique two-year, Boston-based fellowship program is a 50/50 split of medical affairs and clinical development with additional exposure to regulatory science in the first year. In the second year, the fellow can choose an area of focus within medical affairs or clinical development. The program will help prepare the fellow to become a well-rounded industry leader with a deep understanding of the importance of cross-functional partnership. This is one of the few programs in the country that balances the fellow's long-term goals with institutional priorities in a setting where clinical development and medical affairs are highly integrated.

## Activities at Partner Therapeutics

### Medical Affairs

- Develop and maintain scientific expertise in therapeutic area(s) relevant to the company's portfolio.
- Support the creation and review of scientific content, including slide decks, medical information letters, FAQs, and standard response documents.
- Participate in medical review of promotional and non-promotional materials to ensure scientific accuracy and regulatory compliance.
- Engage with cross-functional partners (regulatory, commercial, clinical operations) to provide medical and scientific insights.
- Respond to unsolicited medical information requests from healthcare professionals.
- Collaborate with field medical teams (MSLs) by preparing resources, training, and supporting scientific exchange initiatives.
- Contribute to scientific congress planning and execution, including booth activities, medical information dissemination, and competitive intelligence collection.
- Assist in generating real-world evidence and publications, including abstracts, posters, and manuscripts.

## Program Mentors



**Luis Leal, DPM**  
Medical Director



**Matt Nestor**  
Vice President, Development Strategy  
and Partnerships



**Carolyn Ragsdale, PharmD, CMPP**  
Senior Director, Medical Communications  
and Publications  
Fellowship Program Co-Director



## Clinical Development

- Assist in the development and management of cross-functional study and program timelines.
- Gain exposure to the design, implementation, and management of clinical trials.
- Gain an understanding of the regulations and guidelines that govern clinical trial conduct, including ICH Good Clinical Practice (GCP) and FDA IND requirements.
- Contribute to ongoing pharmacovigilance activities, including safety monitoring, adverse event reporting, and data review for ongoing studies.
- Support cross-functional study team meetings and clinical operations activities.
- Participate in interactions with clinical investigators, study sites, and contract research organizations (CROs).
- Collaborate on data analysis, interpretation of study results, and preparation of clinical study reports.
- Contribute to regulatory submissions and responses by providing clinical and scientific input.
- Monitor scientific and clinical landscapes to identify unmet medical needs and potential trial opportunities.

## Program Mentors



**Lisa Forsman**

Vice President, Clinical Operations  
and Pharmacovigilance  
Fellowship Program Co-Director



**Fiona Garner, PhD**

Executive Director, Clinical Development



**Ila Joshi, PhD**

Senior Director, Clinical Development  
and Translational Research



**Himani Parikh, MS**

Vice President, Regulatory Affairs



## Brief Overview

### Fellowship in Industry Program

The University of the Pacific's Fellowship in Industry Program (FIP) was founded in 2017 with the goal of providing exceptional biopharmaceutical industry training for PharmD graduates. We strive to deepen domain specific technical skills while sharpening soft skills for all fellows. The fellows will spend 90 percent of their time at Partner Therapeutics. The balance of time will be spent on professional development activities at the University.

University of the Pacific's FIP is unique for several reasons. The program:

1. Integrates pharmaceutical industry training with a blend of academia or hospital practice experiences.
2. Enhances research capabilities via engagement in the Innovative Clinical and Outcomes Research (iCOR) program.
3. Embraces the innovative culture of the San Francisco Bay Area, home to many health care startup companies.
4. Access to key coursework related to Clinical Pharmacology, Clinical Research, Statistics, Design Thinking for Entrepreneurs, among others.

Learn more at [pacific.edu/pharmacy/icor](https://pacific.edu/pharmacy/icor)

### Program Mentors



**Sachin A. Shah, PharmD, FACC, FAHA**

Professor of Pharmacy Practice  
Regional Coordinator – Travis  
Director, Fellowship in Industry Program



**Jeremy Lim, PharmD**

Associate Director, Fellowship in Industry Program  
Thomas J. Long School of Pharmacy

# Activities at the Thomas J. Long School of Pharmacy

The fellow will have clinical faculty status at University of the Pacific, Thomas J. Long School of Pharmacy in Stockton, California.

They will be engaged in:

- Conducting research in collaboration with faculty.
- Attending professional development meetings.
- Developing grant and manuscript writing skills.
- Advising Pacific's Industry Pharmacists Organization (IPhO) student chapter.
- Mentoring rotational students in professional development and industry opportunities.
- Participating in teaching activities (e.g. industry elective, research elective).

## Program Mentors



**Allen Shek, PharmD**

Professor of Pharmacy Practice  
Associate Dean of Professional Programs



**Sachin A. Shah, PharmD, FACC, FAHA**

Professor of Pharmacy Practice  
Regional Coordinator – Travis  
Director, Fellowship in Industry Program



**Nancy N. Nguyen, PharmD,  
BCPS, AAHVP, FCSHP**

Clinical Professor of Pharmacy Practice  
Regional Coordinator – Palo Alto



**Kate M. O'Dell, PharmD, BCPS, FCSHP**

Professor of Pharmacy Practice





## Select Publications from Former FIP fellows:

### Posters and Publications

- **Phan Q**, et al. Tirzepatide increases risk of gallbladder disease in overweight and obese people. American College of Cardiology 2025. [Moderated Poster].
- **Oh E**, Owen R, Poon V, Wong K, Yoshida K. PKPD Modeling to Characterize Placebo and Treatment Effect of Omalizumab for Chronic Spontaneous Urticaria (CSU). Abstract at American Conference on Pharmacometrics (ACOP) Annual Meeting 2022; Aurora, CO, 2022.
- Dayal P, **Dimond C**, Yang X, Kent M, Rizzo S, Mohan D. Defining the Frequent Exacerbator Phenotype During a Pandemic in COPD. Abstract at American College of Chest Physicians (CHEST) Annual Meeting 2021; Orlando, FL 2021.
- **Dimond C**, Shah S, Dovan K, Tran B, Hsu K, Pham K, O'Dell K. Effects of Nelumbo nucifera extract on anxiety symptoms in individuals with moderate-to-severe anxiety. (Under Peer-review)
- **Liu X, Kawakatsu S**, Tran B, Tran B, Manzeno L, Shih E, Shek A, Lim J, Shah SA. Differences in Glucose Readings Between Right Arm and Left Arm Using a Continuous Glucose Monitor. Poster at American Heart Association-Scientific Sessions, 2020, Virtual Conference. (Abstract #13259). Published as a paper in Journal of Diabetes Science and Technology. <https://pubmed.ncbi.nlm.nih.gov/33955249/>
- **Kawakatsu S**, Zhu R, Zhang W, Tang MT, Lu T, Quartino A, Kågedal M. Longitudinal Placebo Response Modeling in Patients with Ulcerative Colitis. Poster at American Conference on Pharmacometrics; Aurora, CO, 2020.
- **Kawakatsu S**, Bruno R, Kågedal M, Li C, Girish S, Joshi A, Wu B. Confounding Factors in Exposure-Response Analyses and Mitigation Strategies for Monoclonal Antibodies in Oncology. <https://pubmed.ncbi.nlm.nih.gov/33217012/>
- Sathyamoorthy M, Verduzco-Gutierrez M, **Varanasi S**, et al. Enhanced external counterpulsation for management of symptoms associated with long COVID. American Heart Journal Plus: Cardiology Research and Practice. January 2022.
- Kunder R, Yeh F, Chinn L, Dash A, Lewin-Koh N, **Kim N**, Fredrickson J, Yoshida K, Chen S, Wilson M, and Wong C. Multiple Doses of an Anti-FGFR1/KLB Bispecific Antibody (BFKB8488A) are Associated with a Decrease in Hepatic Fat in Patients with NAFLD. Poster at American Association for the Study of Liver Diseases (AASLD) The Liver Meeting 2019; Boston, MA 2019.
- **Kim N**, Pham K, Shek A, Lim J, **Liu X**, Shah SA. Differences in Glucose Level Between Right Arm and Left Arm Using Continuous Glucose Monitors. Published in Digital Health. <https://pubmed.ncbi.nlm.nih.gov/33224517/>

### On-going Clinical Research

- Evaluation of Energy Drinks on Electrocardiographic Parameters: A randomized, double blind, controlled, proof-of-concept study. PIs: **Quy Phan**, PharmD, **Nina Punwani**, PharmD
- Effects of a plant extract on anxiety and sleep: a randomized, placebo-controlled trial. PI: **Ken Nguyen**, PharmD.

# Fellowship Eligibility Requirements

A candidate must:

- ☐ Be a permanent resident or citizen of the United States
- ☐ Have earned a PharmD from an ACPE accredited college of pharmacy before the start of the fellowship term

## Application Process

**Candidates must submit via email**

**([pharmfip@pacific.edu](mailto:pharmfip@pacific.edu)) all the following application materials by the deadline listed on the University's website:**

- ☐ Letter of intent
- ☐ Updated curriculum vitae (CV)
- ☐ Three (3) letters of recommendation emailed directly from letter writer to FIP director
- ☐ One professional writing sample that demonstrates medical writing ability
- ☐ Unofficial pharmacy school transcript emailed to FIP director
- ☐ All application materials should be addressed to:

Sachin A. Shah, PharmD, FACC, FAHA  
Director, Fellowship in Industry Program  
Professor of Pharmacy Practice  
Thomas J. Long School of Pharmacy  
University of the Pacific

**See application deadline at**  
**[pacific.edu/pharmacy/fellowship/  
partner-therapeutics](http://pacific.edu/pharmacy/fellowship/partner-therapeutics)**

