

# UCSF/GENENTECH FELLOWSHIP

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**UCSF**  
University of California  
San Francisco

**Genentech**  
*A Member of the Roche Group*

# Program Mission and Overview

**The goal of the UCSF/Genentech Clinical Development Fellowship is to provide a program that creates an engaging and immersive experience in clinical research and drug development to prepare Fellows for a rewarding career in the pharmaceutical industry.**

**Through advanced biomedical research, graduate-level education in the life sciences and health professions, and excellence in patient care, UCSF is leading revolutions in health worldwide.**

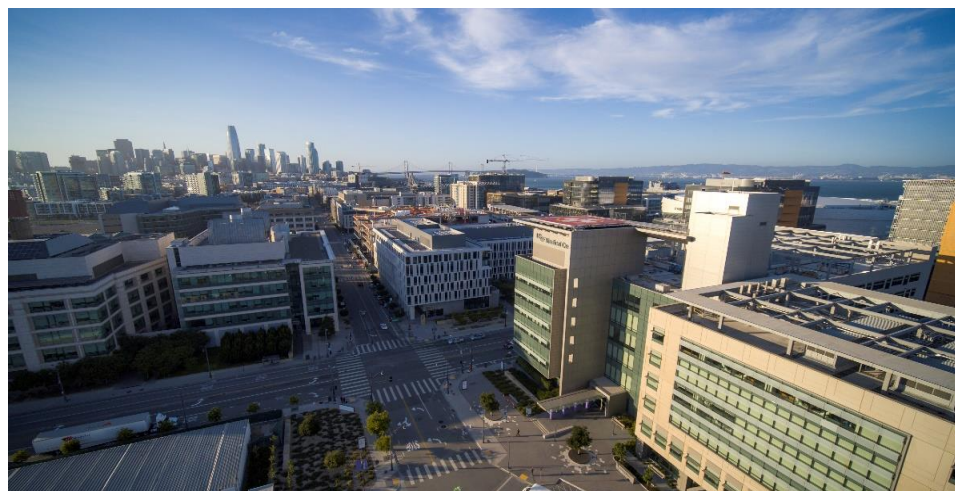
## About the Fellowship

The UCSF-Genentech Clinical Development Fellowship Program partners two top leaders in academic research and the biotechnology industry to provide an immersive, innovative, and mentored, two-year experience combining academic clinical investigation and pharmaceutical industry training for PharmDs in early postdoctoral years. The objective of this program is to provide training in proper conduct of clinical trials, safety surveillance and risk management, methodologies, and exposure to scientific and ethical issues in research and development.

Fellows will work with research and clinical faculty members at UCSF—a world-renowned teaching institution that focuses on the health sciences—where they will participate in clinical research, patient care, learn via interdisciplinary didactics, and present and publish results of scholarly work.

In partnership with Genentech, a leading biotechnology company that focuses research and development on discovering and developing new medicines for unmet medical needs, Fellows will gain experience in clinical development and clinical safety to build core competencies that will prepare them for an exciting career in the biotechnology/pharmaceutical industry.

UCSF  
San Francisco Mission Bay Campus

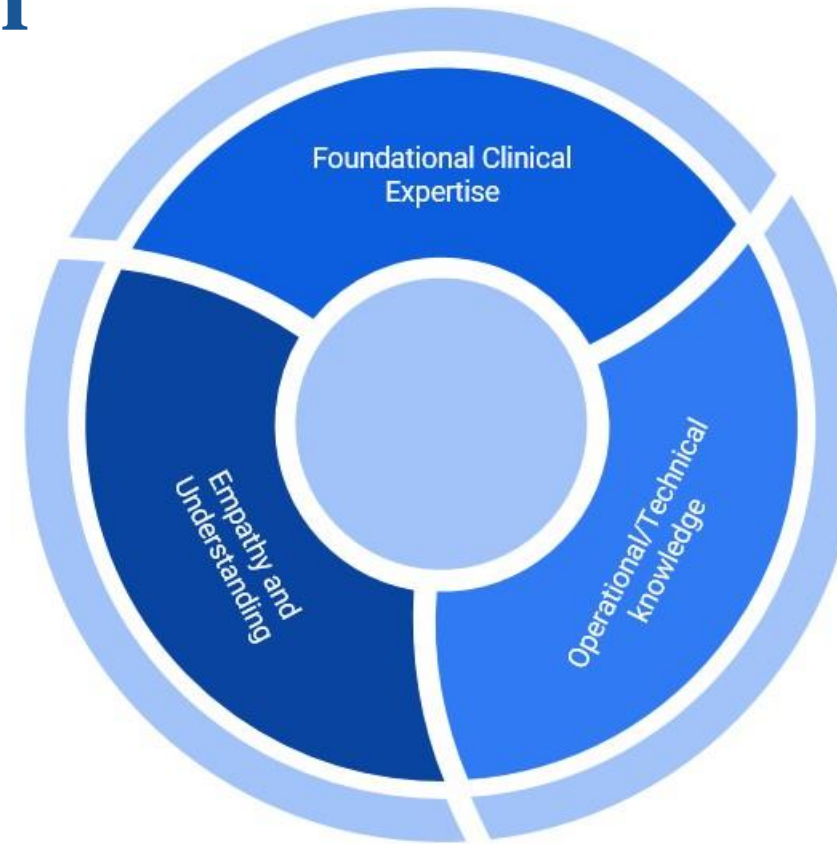


Genentech  
South San Francisco Campus



# Why add clinical experience to an industry fellowship?

- Putting Patients First
  - Clinical experience is critical to understanding the impact of clinical trials on patients
  - Expand clinical knowledge base beyond Pharmacy school experiences
  - Help ensure patient safety in trials
- Understanding the Process
  - Learning how research is done in the clinic setting at UCSF will enhance understanding of how clinical development is approached at a global level at Genentech
  - A combined experience leads to better understanding of optimized study design and real-world trial implementation
- Understanding the Investigator and Patient Experience in Clinical Trials
  - Patient perspectives and current clinical practices are an important element in designing and executing clinical trials



## UCSF Research Experience

- Training in Clinical Research
  - 2 month didactic program along with healthcare professionals from multiple disciplines (MD, PharmD, PhD)
  - Learn clinical trial design and methodology
  - Author a brief clinical research protocol
- Independent Research Project
- Participation in didactic seminars such as Pharmacy Grand Rounds, Clinical Pharmacology Seminars, Oncology PharmD Rounds.
- Participation in personal and professional development workshops on topics like time management, MBTI, Lean processes

## UCSF Experience - Clinic

- Perform routine follow-up visits with investigators across multiple trials at UCSF
  - Understand mindset and perspective of researchers in conducting clinical studies
  - Develop and maintain trust with patients
- Collaborate with the patient's healthcare team regarding dose adjustments, dose interruptions, and appropriate concomitant medications
- Conduct medication screenings prior to study initiation for potential drug-drug interactions and prohibited medications
- Counsel patients prior to starting oral investigational products on correct dosing regimen and potential toxicities
- Prepare drug information responses based on available literature and clinical guidelines for investigators

# Clinical Science Oncology

Clinical Science (CS) late stage clinical development, conducting primarily Phase II/III clinical trials to further characterize the efficacy and safety of a molecule. In CS the Fellow will:

- Study management
  - CS representative on a interdisciplinary study team
  - Developing protocols, clinical study reports, and health authority responses
  - Maintaining study validity via managing trial conduct and data
  - Communicating/collaborating with clinical investigators and staff
  - Scientific communication of study designs and outcomes
- Clinical Science Team
  - Discuss interesting study/patient issues
  - Assist in molecule clinical development plans
  - Strategic therapeutic and disease area discussions
  - Risk/benefit assessments of active or proposed studies

# Portfolio Clinical Safety

Genentech Product Development Safety serves the patient's wellbeing and public health by creating meaningful clinical safety insights. This work is done in collaboration with cross functional teams within the company and beyond.

In the Portfolio Clinical Safety Department, the Fellow will:

- Be a member of a molecule's safety team
- Develop an understanding and maintain the safety profile of their assigned molecule
- Serve as the safety representative on study management teams
  - Contributions to clinical study protocol development and other study related activities
  - Includes cross-functional interactions with other departments
- Evaluate and analyze adverse events reported from clinical trials and post-marketing
- Perform safety signal detection, signal management, analysis of safety data, and contribute to safety assessments
- Prepare aggregate safety reports for health authorities
- Assist with the development or maintain risk management plans
- Contribute to the maintenance of safety related information in US and global product labels, Investigator Brochures, and informed consent forms
- Opportunities for department projects and presentations

## Current Fellows



**Carolina Ryklansky, PharmD.**

**2020-2022**



**Matthew Sugidono, PharmD**

**2019-2021**

## Fellow Alumni



**David Chen, PharmD.**

**2018-2020**

"I am extremely grateful for the clinical and industry experiences I received during my time in the UCSF-Genentech Clinical Development fellowship. What makes this fellowship so unique is the perspective that you gain by being in the clinic with patients. Perspective, in my opinion, is the key differentiator for this fellowship. Not only was I afforded an immersive, hands-on experience on how oncology clinical trials are conducted at a large academic medical center and in the pharmaceutical industry, but also the perspective from the eyes of the patient. The clinical activities and the relationships that I made with patients will be something that I will always carry with me in my professional career. Understanding the day-to-day activities that patients undergo for clinical trials have been invaluable for both my growth as a scientist and a human being. The fellowship unequivocally emphasized the reason why I work in clinical drug development - for the patients."

**David Chen - Clinical Scientist Associate at Genentech**

# How To Apply

Go to the Application Website: <http://pharm.ucsf.edu/ucsf-genentech> for complete details and links to application forms

Applicants should utilize the Qualtrix portal on the UCSF-Genentech application site to submit all application materials

These will include demographic information plus

1. Letter of intent (1-2 pages)
2. Current curriculum vitae
3. Three letters of recommendation (please include at least one from a full-time faculty member)
4. Official transcript of all college coursework

All materials including letters of recommendation must be received by the **application deadline of November 1, 2020 (11:55pm)**. Candidates will be notified by email of their application status. After initial screening, a proportion of candidates will be invited for a 2-hour interview to take place virtually during late November or early December. After first round interviews, a small number of candidates will also be invited for a second round of interviews to take place on the Genentech South San Francisco campus during late December 2020.

## Contact Information

**Website:** <http://pharm.ucsf.edu/ucsf-genentech>

**Program email:** [ClinicalPharmacyFellowships@ucsf.edu](mailto:ClinicalPharmacyFellowships@ucsf.edu)

### UCSF Co-Directors:

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### Genentech Co-Directors:

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