

## Application Introduction

UCSF CTSI Clinical Research Informatics Postdoctoral (CRISP) Fellowship  
Application

Applications received by 5 PM Pacific Time on April 1, 2024 will receive preferential  
consideration.

## Applicant Information

### APPLICANT INFORMATION

First Name

Middle Initial

Last Name

## Degree(s)

MAS in Clinical Research

Master of Arts (MA)

Master of Science (MS)

MD

MPH

PhD

Other

Primary Email Address: UCSF or other primary email address

Alternate Email Address: NO DUPLICATE EMAILS PLEASE: Personal email or other alternate email different from above; this is what we use for follow-up reports if you have left UCSF

Preferred Phone Number

Preferred Mailing Address Line 1

Preferred Mailing Address Line 2

City

State

Zip Code

Current Position/UCSF Title

UCSF School

Dentistry

Medicine

Nursing

Pharmacy

 Other

UCSF Department

UCSF Division

### Primary Location

Mission Bay

Mt. Zion

Parnassus

VA

ZSFG

Other

### Demographic Information

#### DEMOGRAPHIC INFORMATION

Date of Birth: in MM/DD/YYYY Format:

Sex Listed on Your Birth Certificate:

Female

Male

### Gender Identity

Female

Female-to-male transgender

Male

Male-to-female transgender

Prefer not to say

Other

Racial Background: Please mark all the apply:

American Indian or Alaskan Native

Native Hawaiian or other Pacific Islander

Asian

Black or African American

White

Prefer not to say

Other

Hispanic or Latino

Yes

No

Prefer not to say

Economically Disadvantaged Background

Yes

No

Prefer not to say

Disability: Defined as a physical or mental impairment that substantially limits one or more major life activities:

Yes

No

Prefer not to say

The UCSF CTST CRISP postdoctoral fellowship is open only to US Citizens and Permanent Residents. Please acknowledge your understanding.

I understand.

## Career Plan

### CAREER PLAN

#### Primary Fellowship Mentor

First Name

Last Name

Degree(s)

Email Address

School

Department

Division (enter N/A if none)

#### Secondary Mentor 1 (if applicable)

First Name

Last Name

Degree(s)

Email Address

School

Department

Division

## Secondary Mentor 2 (if applicable)

First Name

Last Name

Degree(s)

Email Address

School

Department

Division

## Desired Length of Fellowship

1 year

2 years

Unsure

Proposed Clinical Activities: CRISP fellows are expected to spend no more or less than 20% effort (8 hours/week) on clinical activities.

5-Year Career Goals: Describe in 2 to 3 sentences.

How will the CRISP fellowship help you achieve this goal: Describe in 2 to 3 sentences.

## Training Plan

### TRAINING PLAN

CRISP fellows are encouraged to obtain a Master of Science (MS) Degree in Health Data Science (2-year program, 36 course units) or Certificate in Health Data Science (28 course units over 1 year) through the Training in Clinical Research (TICR) program at UCSF. Fellows with prior clinical research training (e.g., MPH) may choose individual courses tailored to their research needs. Below, please indicate which TICR courses you would like to take. This will provide a sense of your interests and will not be binding in any way. For links to course descriptions and further information, you can copy and paste this URL into your browser: <https://epibiostat.ucsf.edu/sites/g/files/tkssra2066/f/Courses%20recommended%20for%20CRISP%20Fellows%20-%20Jan%202024.pdf>

### Data Management

BIOSTAT 202 - Introduction to the Science of Big Data – 3 units

BIOSTAT 213 - Introduction to Computing in the R Software Environment – 1.5 units

BIOSTAT 214 - Data Science and Advanced R Programming – 1.5 units

BIOSTAT 216 - Machine Learning in R: – 3 units

EPI 231 - Use of Electronic Health Record Data for Research – 3 units

DATASCI 225 - Advanced Machine Learning for the Biomedical Sciences II - 3 units



## Biostatistics

BIOSTAT 200 - Biostatistical Methods for Clinical Research I – 3 units

BIOSTAT 208 - Biostatistical Methods for Clinical Research II – 3 units

BIOSTAT 209 - Biostatistical Methods for Clinical Research III – 3 units

BIOSTAT 210 - Biostatistical Methods for Clinical Research IV – 3 units

## Clinical Research Methods

EPI 201 - Responsible Conduct of Research – 1 unit

EPI 202 - Designing Clinical Research – 2 units

EPI 204 - Clinical Epidemiology – 3 units

EPI 205 - Clinical Trials – 2 units

EPI 212 - Publishing & Presenting Research – 1 unit

EPI 213 - Cost-Effectiveness Analysis in Medicine and Public Health

EPI 214 - Systematic Reviews – 1 unit

EPI 222 - Social Determinants of Health - 1 unit

EPI 243 - Human-Centered Design - 2 units

## Attachment

## ATTACHMENT

Please upload a single PDF document, labeled LastName\_Firstname\_CRISP\_2023, with the following items in this order:

- A) Research Plan
- B) Letter of support from mentor(s), co-signed by UCSF division chief or department chair
- C) Mentor's NIH Biosketch
- D) Your Curriculum Vitae

A) Research plan: Provide a summary (of up to one page) describing the (1) rationale, (2) objectives/aims, and (3) proposed methods for addressing a research question that you would like to explore during your fellowship. The goal is to demonstrate how you will conceptualize a clinical question and answer it using data that have already been collected at the time of this submission. Primary data collection projects are not encouraged. References will not count towards the one-page limit.

B) Letter of support signed by your primary mentor and cosigned by your UCSF division chief or department chair. Your mentor's letter must include the following statement:

"I will donate at least 5% effort (2 hours per week) to mentoring (candidate's name). I will provide a workstation, computer, and monitor for his/her/their use. I or my division will pay all fellowship costs (estimate \$30,000 to \$40,000/year) that are not covered by the CRISP training grant."

C) Primary mentor's NIH-style Biosketch

D) Your CV, including:

- Education: list all undergraduate, graduate, and professional schools attended in chronological order, including dates of attendance, degree and graduation date.
- Post Graduate Training: list internships, residencies, fellowships, and other

appointments, including dates of attendance and graduation date.

- Clinical license(s) and Professional Board Certification
- Awards (if any)
- Research Experience: list major clinical or laboratory research experiences (full or part-time), including institution, preceptor's name, dates of work, and project title.
- Peer-reviewed publications: list peer-reviewed publications (if any)
- Other publications: list review articles, book chapters, letters
- Abstract presentations: list abstract presentations (if any)
- Optional Additional Information: in one paragraph or less, please mention anything else you would like us to know about your background, experience, or objectives.

## **Acknowledgement**

Thank you for applying for the CTSI CRISP Fellowship. Please contact Christian Leiva at [Christian.Leiva@ucsf.edu](mailto:Christian.Leiva@ucsf.edu) with any questions.

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