

UCSF May Submit 4 Applications
One per scientific area: Cancer Data Science, Cancer Control Science, Molecular/Precision Cancer Prevention, Other Cancer Research

Internal Deadline: NOON, Wednesday, December 11, 2024

PLEASE FORWARD THIS ANNOUNCEMENT TO ALL APPROPRIATE FACULTY AND RESEARCH ADMINISTRATORS

WHAT: NIH NCI Pathway to Independence Award for Outstanding Early Stage Postdoctoral Researchers (K99/R00)

REQUEST FOR APPLICATIONS NUMBER:

- PAR-23-286– Independent Clinical Trial Not Allowed
<https://grants.nih.gov/grants/guide/pa-files/PAR-23-286.html>
- PAR-23-287– Independent Clinical Trial Required
<https://grants.nih.gov/grants/guide/pa-files/PAR-23-287.html>
- PAR-23-288–Independent Basic Experimental Studies with Humans Required
<https://grants.nih.gov/grants/guide/pa-files/PAR-23-288.html>

PURPOSE:

- This program is designed for postdoctoral fellows with research and/or clinical doctoral degrees who do not require an extended period of mentored research training beyond their doctoral degrees.
- The objective of this award is to facilitate a timely transition of these fellows from their mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions. The program will provide independent NCI research support during this transition to help awardees to launch competitive, independent research careers.
- Research must be in one of four scientific areas:
 - Cancer Data Science: For the purposes of this K99/R00 award, cancer data science is defined as an interdisciplinary field of inquiry in which quantitative and analytical approaches, processes, and systems are both developed and used to extract knowledge and insights from increasingly large and/or complex sets of data. This includes cancer-focused data integration and visualization, systems biology, artificial intelligence, machine learning, informatics, genomics, precision oncology, and developing analytics for epidemiological or biostatistical studies.
 - Cancer Control Science: For the purposes of this K99/R00 award, cancer control science is defined as basic and applied research in the behavioral, social, and population sciences to create or enhance interventions that, independently or in combination with biomedical approaches reduce cancer risk, incidence, morbidity, and mortality, and improve quality of life. This includes research in epidemiology, behavioral sciences, health services, surveillance, cancer survivorship, and healthcare policy.
 - Molecular/Precision Cancer Prevention: For the purpose of this K99/R00 award, early translational research in cancer prevention is defined as basic research to understand mechanisms of cancer formation, development and progression of cancer precursors, and to translate basic biological knowledge into novel human interventions and

human-centered adaption of current interventions with the potential to reduce cancer risk, incidence, and mortality, and improve quality of life. This includes but is not limited to research in molecular and systems biology, diagnostics, vaccine and drug development, pharmacology, and biomedical engineering.

- Other Cancer Research: For the purposes of this K99/R00 award, "Other Cancer Research" includes all scientific fields supported by the NCI that are not included in (A), (B) or (C). Applicants proposing research in (D) "Other Cancer Research" may apply only if it is reasonable to expect their candidates to transition to independence with an abbreviated period of mentored research training beyond their original doctoral degrees."

ELIGIBILITY:

- Individuals must have no more than 2 years of postdoctoral research experience as of the relevant application due date. Individuals must be in mentored, postdoctoral training positions to be eligible for support under to the K99/R00 program. If a candidate achieves independence (i.e., any faculty or non-mentored research position) before a K99 award is made, neither the K99 award, nor the R00 award, will be issued.
- Full eligibility information can be found in the RFA. Applicants are **strongly encouraged** to obtain confirmation of their eligibility from the NCI before seeking institutional nomination. It is incumbent upon the applicant to provide evidence that all eligibility criteria have been met.

BUDGET AND PROJECT PERIOD:

- Award Budget:
 - Up to \$100,000 per year toward the salary of the award recipient.
 - Up to \$249,000 total costs per year for the independent phase (R00), including salary, fringe benefits, research costs, and applicable indirect costs. Indirect costs will be reimbursed at the extramural sponsoring institution's indirect cost rate.
 - \$30,000 per year toward research development costs, which must be justified and consistent with the stage of development of the candidate and the proportion of time to be spent in research or career development activities.
- Project Period: up to 5 years

NUMBER OF APPLICATIONS UCSF MAY SUBMIT: UCSF may submit a combined total of four applications. Each application must be in a different scientific area: Cancer Data Science, Cancer Control Science, Molecular/Precision Cancer Prevention, Other Cancer Research.

DUE DATES:

- **Internal: NOON**, Wednesday, December 11, 2024
- **Pls submit directly to the LSP; RMS does not get involved unless and until you are nominated.**
- Sponsor: Friday, February 14, 2025

Submit the following in ONE PDF file by NOON, December 11, to: limitedsubmissions@ucsf.edu

1. Limited Submission Pre-proposal Cover Sheet with signatures (form attached to email)
2. Project Summary (1-pg. max, excluding references)
3. NIH Bio-sketch (5-pg. max., including publications)
(<https://grants.nih.gov/grants/forms/biosketch-blankformat.docx>)

To qualify for UCSF Limited Submission Program opportunities, applicants must have a paid UCSF appointment either at the time of application or anticipated by the time of award.

The LSP is a selection process, not an award process. As the LSP is under significant time constraints, all reviewer feedback is optional. We encourage you to seek other avenues for proposal feedback.

For information on all current LSOs, please visit: <http://rdo.ucsf.edu/limited-submission-program-lsp>

Sent by Amanda Yu on behalf of the Research Development Office (RDO), Limited Submission Program (LSP).