

## UCSF May Submit 2 Applications

Internal Deadline: 11:59 PM, September 28, 2023

### PLEASE FORWARD THIS ANNOUNCEMENT TO ALL APPROPRIATE FACULTY AND RESEARCH ADMINISTRATORS

**WHAT:** NSF National Artificial Intelligence (AI) Research Institutes  
(<https://www.nsf.gov/pubs/2023/nsf23610/nsf23610.htm>)

**REQUEST FOR APPLICATIONS NUMBER:** NSF-23-610

#### PURPOSE:

- To make long-term investments in AI research in areas with the potential for long-term payoffs in the fields of personalized healthcare, enhanced national security, improved transportation, more effective education, and other economic and quality-of-life improvements.
- Building upon the nationwide network of AI Research Institutes, this National AI Research Institutes program solicitation will fund Institutes comprised of scientists, engineers, and educators united by a common focus on advancing the research frontiers in AI. The program seeks to build a broader nationwide network to pursue transformational advances in a range of economic sectors, and science and engineering fields. This NSF announcement allows for two groups. **Group 2's Theme 3: Strengthening AI** supports UCSF and UCSF Health efforts.
- Theme 3 Goals promotes the development of next generation AI systems that have been *strengthened* to provide greater usefulness, consistency, and robustness by exhibiting both the high performance of narrow AI and the general adaptability of strong AI. Proposals must address the **all three of the goals -Grounding, Instructibility, and Alignment**
- Use-Inspired Research Focus include but are not limited to:
  - Health and wellbeing, including various non-clinical aspects of physical and/or mental health.
  - Improving human flourishing, for example, reducing hunger or coordinating humanitarian assistance.
  - AI advances that enable new discoveries in science, mathematics, or engineering.

#### ELIGIBILITY:

- Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed research as the Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) is invited to work with his/her organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply.

#### BUDGET AND PROJECT PERIOD:

- Award Budget: average up to \$4,000,000 total costs per year.
  - Total budget across entire project period must be between \$16 million and \$20 million.
  - UCSF indirect cost policy will apply except for non-federal entities. See NSF guide for limitations.
- Project Period: 4 to 5 years

**NUMBER OF APPLICATIONS UCSF MAY SUBMIT: 2**

**DUE DATES:**

- **Internal: 11:59 PM**, Thursday, September 28, 2023. If multiple groups submit an LOI, an additional pre-application will be due Tuesday, October 17, 2023.
- **Pls submit directly to the LSP; RMS does not get involved unless and until you are nominated.**
- Sponsor (required Preliminary Proposal): Friday, January 12, 2024
- Sponsor (Full Proposal Deadline): May 17, 2024

**Submit the attached Letter of Intent (LOI) by 11:59 PM, Thursday, September 28<sup>th</sup> to:**  
**[limitedsubmissions@ucsf.edu](mailto:limitedsubmissions@ucsf.edu)**

*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 Connie D'Aura on behalf of the Limited Submission Program (LSP) within the Research Development Office (RDO).*