UCSF May Submit 1 Application

Internal Deadline: **11:59 PM, Tuesday, February 23rd, 2021**

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


**REQUEST FOR APPLICATIONS NUMBER:** RFA-TR-21-009

**PURPOSE:**
- To develop a portable sensing device to detect volatile organic compounds (VOCs, i.e. scents or odors) emanating from skin and to develop a catalog of VOCs as distinct signatures for at least 20 human diseases and conditions.
- These sensing devices must be able to associate VOC patterns using artificial intelligence to patients with various conditions for diagnostic purposes along with capabilities to incorporate and integrate vital signs. These sensing devices can be Electronic-nose (E-nose) technology, Gas Chromatography (GC) or any sensing technology able to detect VOC patterns associated with disease.
- This FOA requires multidisciplinary collaborations and a team science approach. Groups may include a combination of the following: Biomedical engineers, material scientists, biosensing experts, software engineers, chemists, clinicians, clinical trialists, biostatisticians, data analysts and/or other relevant experts in academia and industry.

**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:** Application budgets are limited to $650,000 direct cost per year for Years 1 and 2, and $800,000 direct cost per year for Years 3 - 5.
  - UCSF indirect cost policy will apply except for non-federal entities.
- **Project Period:** The scope of the proposed project should determine the project period. The maximum project period is 5 years.

**NUMBER OF APPLICATIONS UCSF MAY SUBMIT:** 1

**APPLICATION TYPES ALLOWED:** New

**DUE DATES:**
- **Internal:** **11:59 PM, Tuesday, February 23rd.** If multiple groups submit an LOI, an additional pre-application will be due Tuesday, March 9th.
- **PIs submit directly to the LSP; RMS does not get involved unless and until you are nominated.**
Submit the attached Letter of Intent (LOI) by **11:59 PM, February 23rd, 2021** to: 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](http://rdo.ucsf.edu/limited-submission-program-lsp)

Sent by Avity Norman on behalf of the Limited Submissions Program (LSP) within the Research Development Office (RDO).