UCSF May Submit 1 Application

PLEASE FORWARD THIS ANNOUNCEMENT TO ALL APPROPRIATE FACULTY AND RESEARCH ADMINISTRATORS

WHAT: The Dana Foundation David Mahoney Neuroimaging Program: Using Brain and Immune Imaging Innovations to Improve Human Health (http://www.dana.org/grants/brain-and-immuno-imaging/howtoapply/)

PURPOSE:
- To improve human brain and brain-immune functioning in order to promote health, and prevent and treat disease
- To support pilot-testing by investigators who are early in their research careers to enable them to pursue promising, high-risk, and innovative ideas that have a direct clinical application
- Investigations must be applicable to human brain or brain-immune functioning or malfunctioning to be considered for funding
- Submitted proposals should focus on imaging in patients or patient tissues, and also can involve healthy volunteers
- Applications for animal model studies of brain conditions or injuries will be considered only if they relate directly to humans but cannot yet feasibly be undertaken in humans, and are anticipated to be translated into human research following the three-year grant period
  - Such studies include research on:
    - Normal brain anatomy and physiology in the animal model that can help to better understand the roles of cells and networks in specific cognitive functions and how these are altered by disease and injury; and
    - Animal models of human diseases, either through transgenic methods or through naturally occurring or induced disease states that are directly related to the human condition.

ELIGIBILITY:
- May use either physiological/structural or cellular imaging or both
- Investigators must apply through the SOM
- Faculty researchers who have demonstrated the potential for independent research careers who are at the assistant professor level, or in the first few years of their associate professor appointments
- Projects involving collaborations with NIH intramural researchers or industry scientists are acceptable
- Post-doctoral fellows are not eligible
- Applications from junior investigators that are an extension of the work of a senior mentor, particularly if from the same institution, are discouraged
- Must not have yet been awarded more than one independent research grant (R01 from the NIH or equivalent from another federal agency)

BUDGET AND PROJECT PERIOD:
- Grants up to $200,000
  - Foundation does not provide for indirect costs
  - Up to 10% of the total grant award may be used to purchase equipment for the study
Balance is to be used to meet direct research costs
Research that can be supported through clinical income should not be submitted
Payable over 3 years

NUMBER OF APPLICATIONS UCSF MAY SUBMIT: 1
Using either or both:
- Physiological and Structural imaging: anatomical imaging of white or gray matter and measures of physiological functioning. These proposed studies should focus on patient-oriented clinical research.
- Cellular/molecular imaging: biochemical actions of specific brain cells, or their interactions with immune cells, which have direct clinical relevance to human health and disease. These studies may involve human tissues or animal models. Applications can involve the study of cells within neural circuits, using a combination if imaging and single cell electrical recording, if the techniques have already been developed.

DUE DATES:
- INTERNAL DEADLINE: 3pm, Monday, March 2, 2015
- Please note PIs may submit directly to the LSP; RMS does not get involved unless and until you are nominated
- Sponsor Deadline: Tuesday, April 7, 2015

Submit the following in ONE PDF file by 3pm, March 2, 2015, to: limitedsubmissions@ucsf.edu
1. Limited Submission Pre-proposal Cover Sheet with signatures (form attached to email)
2. Project Summary (2-pg. max., including references) must address the following:
   a. Aims of proposed research;
   b. Research significance; and
   c. Methods
3. NIH Bio-sketch (4-pg. max., including publications) (http://grants.nih.gov/grants/funding/phs398/biosketch.doc)
4. One Letter of Support from Department Chair addressing:
   a. Availability of time, space and resources
   b. Applicant’s qualifications
5. List of Current and Pending Support

Sent by Brooke Babineau, PhD, Intern, Research Development Office (RDO), on behalf of the RDO, Limited Submission Program (LSP)