



Stanford Bio-X Interdisciplinary Initiatives Seed Grants Program Request for Letters of Intent for Interdisciplinary Initiatives (Round 9)

Background

The Stanford Bio-X program has, as one of its major goals, the enhancement of interdisciplinary interactions between and among all scientific communities at Stanford. Stanford Bio-X brings together researchers – in computer science and technology, engineering, the basic sciences in H&S, the earth sciences, and the pre-clinical and clinical sciences in the School of Medicine, in areas related to biosciences, biomedicine, and bioengineering – to bring interdisciplinary solutions and to create new knowledge of biological systems, in benefit of human health. (See: <http://biox.stanford.edu>)

The Stanford Bio-X Interdisciplinary Initiatives Seed Grants Program Committee, including faculty from the Schools of Engineering, H&S, and Medicine, chaired by Dr. Harvey Cohen since its inception in 1999, is charged with reviewing and awarding interdisciplinary letters of intent from all Stanford Bio-X affiliated faculty from across campus. The committee seeks high-risk, high-reward collaborative proposals including basic research leading to fundamental discoveries, as well as innovative technology, relating to human health.

Our first eight rounds of the Stanford Bio-X Interdisciplinary Initiatives Program (IIP) Seed Grants have funded 187 proposals. In the past, for each round we received over 100 letters of intent. Generally about half of the letters of intent are approved for submission of a full proposal. We have been able to fund 20+ proposals for each round. Over \$270 Million in grants and other extramural support has resulted from the first seven rounds of awards. Round 8 projects are currently in progress. The types of proposals funded are interdisciplinary initiatives in new and innovative topics and areas of research benefiting human health that could best (or only) be performed by collaborations between faculty from different disciplines. We encouraged faculty from different schools to work together on these initiatives. **We would like to encourage those of you who have not received these grants in the previous rounds to apply.**

Solicitation for Stanford Bio-X Seed Grants Letters of Intent

We are announcing this request for letters of intent for interdisciplinary initiatives seed grants to all Stanford Faculty (tenured or tenure-line faculty [UTL/University Tenure Line], MCL [Medical Center Line] faculty, and NTLR [Non-Tenure Line/Research] faculty are eligible to be PIs and co-PIs – please note that NTLR faculty are eligible only if at least one other PI on the LOI has a UTL or MCL appointment). Faculty must be affiliated with Stanford Bio-X (all Stanford Faculty as listed above are eligible to become affiliated with Stanford Bio-X and should contact Cici Huber at chuber@stanford.edu and Heideh Fattaey at hfattaey@stanford.edu for details).

The LOIs will be evaluated as to their interdisciplinary nature, quality, likelihood of being successful, whether they address the scientific and programmatic goals of Stanford Bio-X in its broadest sense, their potential for obtaining future support for sustainability, and whether the proposal is a **new collaboration** between the faculty. LOIs must involve Principal Investigators in at least two different disciplines. It will be important to document how the collaborative effort will be stronger than the sum of two independent projects and how the project is related to human health. Stanford Bio-X will consider proposals in the range of up to \$100,000 a year for two years. Support could be for personnel (undergraduate, graduate, or post-doctoral students, research assistants, or associates), supplies, small equipment, travel, or seminar and symposia needs. Faculty salaries on the grants are generally not allowed.

The letters of intent should include:

- 1) A completed cover page ([available at https://biox.stanford.edu/grant/iip_round9](https://biox.stanford.edu/grant/iip_round9))
(this document will include a lay abstract, which should not include confidential information)
- 2) A one to two-page description of the project goals, the individuals and disciplines involved, and its impact on biology.

We will refer to your Stanford Profile (<https://profiles.stanford.edu/>) for your complete list of publications and C.V. Please make sure your administrators have updated your Stanford Profile.

The Stanford Bio-X Interdisciplinary Initiatives Seed Grants Program Committee will review the Letters of Intent. We will accept up to two Letters of Intent from one primary PI (if both LOIs from one primary PI are selected for full proposals, only ONE proposal from a given primary PI could receive funding). We are asking that all letters of intent be sent electronically as a Word or PDF document **to Cici Huber at chuber@stanford.edu and Heideh Fattaey at hfattaey@stanford.edu**, no later than **March 19, 2018 by 5:00PM**. Those groups whose proposals are deemed appropriate will be contacted before the end of May 2018 and will be asked to write a full proposal. Selected faculty teams will have until July 9th to write and submit a 5-page proposal and supplementary materials. Funding to selected proposals is anticipated to be available on October 1, 2018.

If you have any questions about the appropriateness of your proposal, or if you need any additional information, please contact **Dr. Heideh Fattaey at hfattaey@stanford.edu**.

The Interdisciplinary Initiatives Program Committee is looking forward to these and future initiatives that stimulate our faculty to enhance their academic activities and advance biology in its broadest terms, by making use of the high quality and varied intellectual strengths of Stanford University.