

FACULTY-STUDENT COLLABORATIVE RESEARCH: NEW INVESTIGATOR GRANT PROGRAM 2018 REQUEST FOR PROPOSALS

www.calstate.edu/csUPERB

Key Dates & Information:

RFP Release Date: August 18, 2017

Proposal Due Date: February 5, 2018 before 5:00 p.m. pacific time

Award Notification: May, 2018

Maximum Award Amount: \$15,000

Project Duration: Up to 18 months from the project start date (approximately June 1, 2018)

Program Description:

The California State University Program for Education and Research in Biotechnology (CSUPERB) aims to increase the number of externally-funded biotechnology researchers across the California State University (CSU) system. CSUPERB recognizes the importance of research experiences in biotechnology student success. Research is a form of engaged learning, but also offers students the opportunity to acquire abilities on which to build a life science career. The Faculty-Student Collaborative Research New Investigator Grant program aims to provide CSU faculty with the resources required not only to successfully compete for externally funded grants, but also to involve CSU students in their scholarship and research programs.

2018 Proposal Review Criteria:

- Project plans and budgets must be tied to the collection of data necessary for submission of research grant applications to external-to-the-CSU funding agencies or organizations.
- Research projects must be original and/or innovative.
- Research projects must be feasible within the time and budget proposed.
- Research projects must involve CSU students in a significant way.
- If applicable, proposals should include letters of support from co-PIs or key collaborators detailing their role and commitment to the research project.
- In keeping with calls for plain writing to improve science and technical communication, CSUPERB review panels will consider the effectiveness of the non-technical abstract in their assessment of proposals (see paper by Rakedzon and coworkers, <http://bit.ly/2uMqkpt>).

Eligibility Criteria:

The proposed research project must be biotechnology related. CSUPERB defines biotechnology as a **fusion of biology and technology**. BIO (<https://www.bio.org/what-biotechnology>) lists biotechnology examples, applications and sectors; CSUPERB explicitly adds to these lists health IT and medical device research and development. CSUPERB welcomes and encourages applications from CSU faculty in all disciplines related to the current practice of biotechnology, including but not limited to life sciences, physical sciences, clinical sciences, math, computer science, agricultural science, engineering, and/or business.

New Investigators: The New Investigator Grant program is open to tenured/tenure-track CSU faculty members who have not yet received external support for their CSU research programs. Faculty members, who received postdoctoral fellowships, student training grants, or major instrumentation grants that did not include funding that can be applied to their CSU research program, are eligible for the New Investigator program. However, faculty members are ineligible if they were a Principal Investigator (PI) on federal research grants prior to their CSU faculty appointment, including NIH K-99-type awards. Additionally, PIs are ineligible for the New Investigator program if they have received two previous CSUPERB research grants. Ineligible faculty should consider applying instead to the

Research Development or Joint Venture Grant programs.

Other CSU staff may be listed as co-PIs or key collaborators. Existing support from collaborators or other CSU sources (e.g. departmental start-up funds, intramural grants, shared and donated equipment, and other seed program funds) should be clearly identified and described. PIs should include letters of support or evidence of funds, release time and/or shared resources that together indicate institutional support and feasibility of the project.

CSUPERB will consider only one proposal per PI at a time to this program. Investigators applying to this program are welcome to apply to other CSUPERB grant and award programs.

Budget:

CSUPERB will accept New Investigator grant proposals with budgets **up to \$15,000**. Duration of the award will be 18 months from the project start date (approximately June 1, 2018). Exact project start dates are contingent upon award conditions, including IRB, IBC or IACUC approvals on campus.

CSUPERB grants are issued as a result of an internal competition within the CSU and are not subject to Facilities and Administrative (F&A), or indirect, costs. F&A costs are not allowed as a grant-funded expense in proposals submitted in response to RFPs from programs, like CSUPERB, that receive the majority of their support from legislatively appropriated funds, CSU lottery funds or student fees (including State University fees). The F&A foregone at the campus/auxiliary's federally negotiated off-campus rate may be shown as cost match on the proposal. This amount may be used by the auxiliary or enterprise fund as an offset to the university's cost allocation plan, in accordance with EO 753/1000.

Budget Restrictions:

- Faculty salary budgets up to \$5000 per individual are allowed, including fringe, for academic year release time, academic year additional employment, or summer salary. Proposals should indicate how much time each faculty/key personnel will spend on the project and when s/he will be working on the project.
- Student salaries proposed and paid should comply with amounts determined by campus human resources departments. CSUPERB will not approve any salary or rate in excess of campus limitations. Applicants must ensure funds paid to students are not in conflict with these limitations or any others set by graduate or undergraduate programs with which the student may be involved. CSUPERB funds cannot be used to supplement pay for effort if the student is already receiving payroll from another source. Employment of foreign nationals is limited to individuals who meet the conditions set by applicant's campus human resources department policies regarding eligibility to receive compensation in the United States. Proposals should identify students by name when possible, the student's status (undergraduate or graduate student), the hourly salary rate, the number of hours each student will dedicate to the project, and whether they will be working during the summer and/or academic year.
- Travel to professional meetings is not allowed with CSUPERB Seed Grant funds. Apply to CSUPERB's Travel Grants Program to cover those costs.

Proposal Submission:

Proposals, including signed cover sheet, must be submitted electronically on the 2018 New Investigator Grant proposal template at the program's submission web site (www.calstate.edu/csuperb) by Monday, February 5, 2018, before 5:00 p.m. pacific time.

Proposals must adhere to style and length guidelines stated in the proposal template. Failure to follow these guidelines may result in proposal rejection during administrative review. Both the 2018 Proposal Template and the New Investigator Grant submission link can be found on the CSUPERB website.

Proposals that are complete and meet eligibility requirements will be evaluated for merit by a review panel comprised of CSU faculty with expertise reflecting the applications received. The proposal review meeting will be held in April 2018. The CSUPERB program office makes final funding decisions.

Funding decisions are based on recommendations made by the review panel, available funds and CSUPERB strategic priorities. As part of the proposal review process, all PIs will receive written reviews. CSUPERB will not make awards to faculty members who have outstanding, past-due final reports for grants made under this or other CSUPERB grant programs.

Post-Award Reporting Requirements:

Successful PIs are required to submit final report to the CSUPERB within 90 days of the project end date. Detailed instructions and the link to the CSUPERB Seed Grant Reporting System are available (<https://www2.calstate.edu/impact-of-the-csu/research/csUPERB/Pages/grants-administration.aspx>) in the “Final Grant Reporting” section of the CSUPERB website. Final reports document the need for and help justify continuation of the program. CSUPERB may also contact PIs and co-PIs for longer-term impact reporting.

Successful PIs and their students are strongly encouraged to present the results of their CSUPERB-funded project at the January 2019 or 2020 Annual CSU Biotechnology Symposium.

Program Contacts:

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