

COVER PAGE

California State University Program for Education and Research in Biotechnology (CSUPERB) 2023 INDUSTRY PARTNERSHIP INITIATIVE GRANT PROGRAM

Proposal Due Date: February 1, 2023 before 5:00 p.m. pacific time

Project Title	
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Name	PI Academic Title	Phone
	Choose an item.	
Campus	Department	E-mail

Budget Requested (maximum = \$15,000)	Industry Partner Matching amount (must minimally match dollar-for-dollar to budget requested)	Please indicate with a yes or no if you have been found in violation of Title V, Title IX, or CSU Executive Orders 1096 or 1097 in the last 5 years.

Campus Approvals Information

Project involves Human Subjects	Choose an item.	If yes, is IRB review pending?	Choose an item.
Project involves Vertebrate Animals	Choose an item.	If yes, is IACUC review pending?	Choose an item.
Project involves Biohazards or Recombinant DNA	Choose an item.	If yes, is IBC review pending?	Choose an item.

*Note: If project involves Human Subjects or Vertebrate Animals and the campus has approved the work, a copy of the campus approval letter **must be appended** to the proposal. Successful PIs with pending IRB, IBC, or IACUC approvals are required to submit copies of the campus approval letter to CSUPERB before funds will be released to the campus. In some cases IRB, IBC, or IACUC approvals will be needed from partner institutions before work can begin, so plan accordingly*

Applicant Certification

By signing this application, I the undersigned, certify that the statements herein are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may result in the removal of this application from review or in termination of the grant. In addition, I certify I am responsible for supervising any students, paid or unpaid, who work on the project and that those students will complete all required campus trainings required prior to their involvement in the project. This includes, but is not limited to, safety training or training specified in IRB or IACUC approvals. I also certify I am responsible for obtaining necessary regulatory compliance approvals from our campus and any necessary approvals from collaborating, external institutions prior to spending on the project.

Principal Investigator:

Signature

Date

Institutional Certification

Chief Research Officers and Vice Presidents of Research system-wide have requested that CSUPERB proposals be routed through campus grant "clearance" mechanisms. By signing this application we, or our campus authorized designee, acknowledge that our institution has reviewed the proposed project and supports this grant application. We acknowledge that we monitor compliance with campus regulations regarding student involvement in research.

Department or Unit Chair:

(only required when budgeting release time) _____
Signature

Print Name

Date

Dean or

Campus-Authorized Designee:

Signature

Print Name

Date

PI:

Campus:

Project Title:

ABSTRACTS

Abstracts are meant to serve as succinct, accurate descriptions of the proposed work when separated from the rest of the application. Do not include proprietary or confidential information. The technical abstract is used to select reviewers. If the project is funded, the non-technical abstract will be published at the CSUPERB website for public information and program promotion. The **two abstracts combined are limited to one page total**.

Use only single-spaced text, 12 point Times New Roman font or 11 point Arial, with 0.75-inch margins for all text entries. **Applications not complying with this format throughout the proposal will not be accepted for review.**

TECHNICAL ABSTRACT: (State the proposal's broad, long-term objectives and specific aims for reviewers.)

NON-TECHNICAL ABSTRACT: (Provide a non-technical description, or lay summary, of the project's overall objectives and key milestones for a non-expert, public audience. You could also explain how this project might impact the future of biotechnology. 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 (For help, see <http://bit.ly/2uMgkpt>).

SAMPLE

PI:

Campus:

Project Title:

PROJECT DESCRIPTION

(Limit 2 pages. Reference lists are limited to 20 citations maximum, listed on one additional, separate page. References exceeding the maximum will be removed from the proposal for review. Figures - including captions - may be included on one additional, separate page.)

SAMPLE

PI:

Campus:

Project Title:

KEY MILESTONES AND TIMELINE

(Limit 1/2 page)

DESCRIBE THE SHARED GOAL(S) OF THE PARTNERSHIP

(Limit 1/2 page. Applicants must describe the shared goal of the partnership and explain how the proposed collaboration constitutes a new external relationship. Attach signed letters of support on partner organization's letterhead at end of proposal. Letters should confirm all aspects of matching contribution and, for grant-funded matches, indicate the dollar amount, the funding source and grant number.

SAMPLE

PI:

Campus:

Project Title:

CURRENT AND PENDING SUPPORT

Current Research Support – List all (internal and external) support whether or not relevant and/or overlapping to the project proposed here. For each entry, include: 1) Title of Grant/Award/Support, 2) Funding Source, 3) Amount of Award, 4) Duration of Funding, 5) Your role in the project, e.g. PI, and 6) Indicate whether the aims of the project overlap with aims proposed here.

Pending Research Support – List all pending support whether or not relevant and/or overlapping to the project proposed here. For each entry, include: 1) Title of Grant/Award/Support, 2) Funding Source, 3) Amount of Award, 4) Duration of Funding, 5) Your role in the project, e.g. PI, and 6) Indicate whether the aims of the project overlap with aims proposed here.

DESCRIBE STUDENT INVOLVEMENT IN PROPOSED RESEARCH PROJECT AND MENTORING PLAN

(Limit 1/2 page. Special consideration is given to projects that involve student participation in a significant way. State if there will be no student involvement in your project.)

SAMPLE

PI:

Campus:

Project Title:

BUDGET REQUESTED

(Limit 1 page)

Budget Category	Amount Requested (\$)
1. Salaries	
<u>CSU Faculty, Key Personnel and Students</u> (List/name key personnel below and amount requested/person; PI salary & fringe not to exceed \$5,000)	
Salaries Category Subtotal:	
2. Equipment (List requested equipment below and cost of each item)	
Equipment Category Subtotal:	
3. Supplies/Materials (List requested supplies/materials and cost of each item)	
Supplies/Materials Category Subtotal:	
4. Travel (Travel to scientific meetings, including the CSU Biotechnology Symposium, is not allowed)	
Travel Category Subtotal:	
5. Other	
Other Category Subtotal:	
TOTAL AMOUNT REQUESTED (Maximum Request = \$15,000):	\$
6. Matching Contribution from External Partner (Matching contributions may represent an investment of money, time, intellect and other resources. Itemize and list cost of matching contribution in dollars)	
MATCHING CONTRIBUTION FROM EXTERNAL PARTNER(S):	\$

PI:

Campus:

Project Title:

JUSTIFY BUDGET AND NEED FOR MATCHING CONTRIBUTION

(Limit ½ page. Reviewers use this section to assess the feasibility of the research project as proposed.)

DESCRIBE MAJOR EQUIPMENT, SHARED FACILITIES, REAGENTS, AND OTHER RESOURCES ALREADY AVAILABLE TO THE PROPOSED PROJECT

(Limit ½ page. Reviewers use this section to assess the feasibility of the research project as proposed.)

SAMPLE

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Campus:

Project Title:

CONFLICT OF INTEREST WITH INDUSTRY PARTNER

(Limit 1 page. Principal Investigators should carefully disclose and address any potential conflict of interest with the industry partner for themselves and Key Collaborators, or state that there is no conflict of interest. Potential conflicts include those instances where the industry partner is owned by, employs or has leadership that are employees of a California State University campus or auxiliary. Conflicts of interest may result in a proposal being administratively removed from consideration.)

SAMPLE

PI:

Campus:

Project Title:

SHORT CV FOR THE PRINCIPAL INVESTIGATOR AND ALL CO-PRINCIPAL INVESTIGATORS

*(Include a **one-page** CV for the principal investigator and for each co-principal investigator. Each CV should list no more than 5 recent publications related to this project.)*

SAMPLE