

Grant Opportunity!

CALL FOR PROPOSALS

STEM-NET FACULTY INTERDISCIPLINARY COLLABORATIVE RESEARCH SEED GRANTS (CSU Affinity Group funding)

Deadline to apply: Oct. 16, 2023

The goal of this CSU system-wide grant is to support and encourage the development of interdisciplinary research and scholarship collaborations by faculty members in STEM and the social sciences, humanities, and arts. STEM-NET SEED grants will fund activities that support the submission of large external grants aligned with STEM-NET's mission and vision.

Funding Available: Maximum award amount is \$25,000 for a maximum project duration of 12 months.

Program Description: Driven by an unwavering commitment to student success, STEM-NET will transform the CSU into a preeminent champion of inclusive access to research and learning experiences that equip diverse STEM students for thriving careers in STEM-related fields. STEM-NET empowers CSU STEM leaders to harness their expertise in pedagogy, research, and grant-writing to ensure the success of our students and faculty.

STEM-NET strategically invests in research areas that increase the potential to garner externally sponsored grants and awards to support student retention and graduation and strengthen the STEM workforce in California. The transition towards interdisciplinary collaboration is manifold. It emanates from within the scientific community as research progresses and new scientific problems emerge that are not a single disciplinary perspective. In the last decade, numerous funding programs (e.g., NSF) have been launched across the United States, designed to stimulate interdisciplinary collaboration in cognitive neuroscience, behavioral economics, and mathematical anthropology. **Several of these programs seek to catalyze and support the integration of the social sciences, humanities, or arts as key participants in interdisciplinary research.** One way to accomplish this goal is to provide SEED funding to faculty cohorts to increase the number of externally funded projects across the CSU. The 2004 National Academies report states, "Interdisciplinary research is a mode of research by teams or individuals that integrates information, data, techniques, tools, perspectives, concepts, and/or theories from two or more disciplines or bodies of specialized knowledge to advance fundamental understanding or to solve problems whose solutions are beyond the scope of a single discipline or area of research practice."

Deliverable: A complete external grant submission is to be provided to STEM-NET on or before **7/1/2025**.

Eligibility:

- Tenure-Track or Tenured faculty members eligible for NSF or similar Federal grants.
- At least one faculty member in the **social sciences, humanities, or arts (not in an evaluation role)** must be included in the faculty team.
- Project plans and budgets must be tied to data collection needed for subsequent submission or re-submission of external-to-the-CSU research grant applications.
- Funding is to launch new projects and is not to be used to supplement ongoing funded programs.
- Research projects must involve CSU students in a significant way.

Budget Restrictions:

- Faculty salary budgets up to three (3) semester units (AWTU) (\$2,265/unit) per individual are allowed.
- Faculty overload is not allowed.
- Student salaries should comply with amounts determined by campus HR departments.
- Travel is not allowed with STEM-NET SEED grant funds.

How to Apply:

Please submit your proposal to the Chico State Provost Office at academicaffairs@csuchico.edu by October 16, 2023. Since there is a limit of one STEM-NET SEED Grant application per institution, the Provost will evaluate each proposal and select the application to nominate to the STEM-NET Steering Committee.

Please work with your Chico State Enterprises development specialist to assist with budget development. **You do not need to initiate a Cayuse proposal record**, although your development specialist will collaborate with the nominated applicant for routing.

Key Dates:

Deadline to apply: **October 16, 2023, 12:59pm**

Provost announcement of the proposal
selected to proceed to STEM-NET application: October 26, 2023

Deadline for Provost to submit nomination to
STEM-NET Steering Committee: November 1, 2023

Notification of Award: January 2, 2024

Proposal Components:

- Not to exceed four (4) pages single-spaced (font size 11), write-up of the project responding to all portions of the nomination template below
- Not to exceed two (2) page PI (and co-PIs if appropriate) biosketches, to include any current or pending support. You may use the format of the NSF biosketch.

STEM-NET Faculty Intercampus Collaborative Research SEED Grant Nomination Template

Name(s) _____

Title(s) _____

Department(s) _____

Campus(es) _____

Title of Proposal _____

Include:

- Outline of Project Description
- Objective
- Intellectual Merit
- Broader Impact

- Budget and Justification (projects cannot start before February 1, 2024)
- Targeted External Grant Opportunities (name of funding mechanism and submission date)

Guidance for Writing Your Proposal:

The following is guidance from the National Science Foundation that addresses how to write your Project Description:

The Project Description should provide a clear statement of the work to be undertaken and must include the objectives for the period of the proposed work and expected significance; the relationship of this work to the present state of knowledge in the field, as well as to work in progress by the PI under other support.

The Project Description should outline the general plan of work, including the broad design of activities to be undertaken, and, where appropriate, provide a clear description of experimental methods and procedures. Proposers should address what they want to do, why they want to do it, how they plan to do it, how they will know if they succeed, and what benefits could accrue if the project is successful. The project activities may be based on previously established and/or innovative methods and approaches, but in either case must be well justified. These issues apply to both the technical aspects of the proposal and the way in which the project may make broader contributions. Please include aspects of broader impacts of the proposed activities.

Intellectual Merit considerations

- How important is the proposed activity to advancing knowledge and understanding within its own field or across different fields?
- How well qualified is the proposer (individual or team) to conduct the project?
- To what extent does the proposed activity suggest and explore creative and original concepts?
- How well conceived and organized is the proposed activity?
- Is there sufficient access to resources?

Broader Impacts considerations

- How well does the activity advance discovery and understanding while promoting teaching, training and learning?
- How well does the activity broaden the participation of underrepresented groups (e.g., gender, ethnicity, disability, geographic, etc.)?
- To what extent will it enhance the infrastructure for research and education, such as facilities, instrumentation, networks and partnerships?
- Will the results be disseminated broadly to enhance scientific and technological understanding?
- What might be the benefits of the proposed activity to society?