

# 2023 CoE Small Group Projects

## Call for Proposals

The Small Group Projects initiative supports a small group of 2-3 SJSU faculty conducting exciting research in their collective area of strength or carrying out an impactful project to broaden participation in engineering fields. In addition, the group may include one or more external collaborator(s) from other academic institutions, national labs or industry.

### Proposal Tracks

Faculty are welcome to submit proposals in one of the two tracks, (1) collaborative research proposals in technical areas, (2) proposals in innovative curriculum, pedagogical research, or impactful outreach to broaden the participation of students from historically underserved groups in engineering fields.

### Support Level

Internal discretionary funding (up to \$50K) will be provided for the first-year (1/1/2023 to 12/31/2023), renewable for a second-year conditional on demonstrated satisfactory progress. Owed points will apply (refer to Section II.C of the college metrics [guide](#)). The funding may be used to support students, acquire research equipment and supplies, and for up to one month (20 working days, 8 hours/day) summer payment (but not for any release time or overload).

### External Collaboration

To foster more collaborations with UC Merced, up to 1/3 of the budget may be allocated for the UC Merced student stipends and faculty payment. If any parts of the funds are allocated to UC Merced, the proposal must be approved for submission by the UC Merced office of sponsored research. UC Merced costs will be paid via invoicing by UC Merced to the SJSU Tower Foundation.

### Eligibility

All tenured and probationary faculty are eligible to apply. Faculty may only participate in one SGP at a time, thus faculty who are participating in a SGP that is ending 12/31/22 may apply, but faculty in year 1 of a SGP or faculty in year 2 of a SGP who are requesting a no cost extension may not apply in this cycle.

### Application

Tenured and probationary faculty from all departments are eligible to apply. Applications are due November 4, 2022. The faculty team lead submits (1) a cover page, (2) a 3 page single spaced 12 point font project plan (including figures and tables), consisting of project title, team members, problem statement, methodologies, tasks to complete, timelines, deliverables, student involvement, and grant submissions, (3) a budget plan based on provided template, (4)

current and pending SJSU internal funding, and (5) brief CV (NSF or NIH format) of each group member.

### **Selection Process and Criteria**

The applications will be reviewed initially by the COE Research committee, who shall recommend up to five finalists to the dean who will make final selection. Criteria for selection:

1. [20%] Completeness and clarity
2. [30%] Potential to advance knowledge in the technical disciplines and/or potential to broaden participation
3. [20%] Potential impact on students
4. [10%] Feasibility of project plan, timeline and budget
5. [20%] Potential for enhanced collaboration and external funding

### **Reporting Requirements**

At the end of year one, a summary of achievements (2 pages max) and future project and budget plans shall be submitted by the first day of December to the Associate Dean for GSR. Within 30 days of the project completion, a final project report with required sections shall be submitted to the Associate Dean for GSR.

### **Submission Link**

By November 4, 2022, submit your application materials via the Google form:

<https://forms.gle/fHnrSQFcDuq9gzN29>