Dear College of Engineering Students,

Are you looking for an opportunity to conduct original, innovative, and challenging research before you graduate? The College of Engineering **Davidson Student Scholars** initiative provides an exciting opportunity for you to do so! And you earn a monetary award upon successful completion of your research!

You’ll need to reach out to a CoE faculty mentor (perhaps in your department) in the area of your research interest. Faculty and their areas of research are listed on each CoE Department webpage. Discuss the opportunity with one or more potential mentors and agree on a creative research thesis/project topic of mutual interest. The thesis option is open only to graduate students. The research project option is open to all undergraduate and graduate students.

You’re eligible to apply if you did not participate in this initiative before. Your research needs to start in Fall 2020 and is expected to be completed by the end of Spring 2021.

You’ll need to work closely with your mentor to generate a research proposal. Please follow the instructions in the attached **Template** document to do so. Also read the attached **Proposal Guidelines** document for useful information regarding writing a research proposal.

Proposals will be evaluated competitively by the CoE Research Committee based on the scope and originality of the proposed research, and on the quality and completeness of the information provided in each section of the body of the proposal (see the **Template** document). A creative research component that goes beyond standard course or culmination project is required (please consult with your CoE faculty mentor).

The award is to be granted *after* successful completion of the proposed research. Selected students will be identified as **AY2020-21 Davidson Student Scholars**. The award amount is $3,000 for completing an M.S. thesis or $1,500 for completing an academic year long undergraduate or graduate research project. In addition, up to $300 in implementation costs will be reimbursed after completion of the thesis/project. Additional details are provided in the attached **Information** document.

Individual or team projects are allowed provided that an undergraduate team stays within the senior project team size limit and a graduate team stays within the MS project team size limit, set by your department. New this academic year is the opportunity for one undergraduate student to team up with one graduate student. The expectation is that the graduate student will also provide some mentorship to the undergraduate student. Please check with your faculty adviser regarding a possible team composition and appropriate research topic in that case. Five such mixed teams will be selected for potential awards.

All selected students will need to report on their research progress in a Student Research Forum to be held in late Spring 2021.

Your proposal should be submitted using the link below. It needs the approval of your faculty mentor first. Please submit a single pdf file (≤ 3 pages proposal plus any cover pages -- see the **Template** document) by noon on Monday 9/28/2020. Please title your pdf file as follows: YourLastName\_YourFirstName\_DSS\_F20.pdf.

Click [Here](https://forms.gle/Rvbbigzb1jvYxQss5) to Submit Your Proposal.

An online [Q/A session](https://sjsu.zoom.us/j/93886942040?pwd=bHdReVVLaWpSY21PWmdRbDlRMTZRQT09) to answer questions you may have will be held on Monday 9/21/2020 from 1-2pm.

Regards,

Xiao Su

Attachments:

1- Announcement (this email)

2- Template

3- Information

4- Proposal Guidelines

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Xiao Su, Ph.D.

Associate Dean for Graduate Studies & Research

Charles W. Davidson College of Engineering

San Jose State University

xiao.su@sjsu.edu