



TUEE Collaboratory

*Transforming Undergraduate Education
in Engineering (TUEE)*

The University

Student-Centered Professional Practice Learning (SCPPL) Initiative

Founding Strategic Corporate Partner Investment Guidelines

Updated April 9, 2024

Strategic Corporate Partners (SCPs) are asked to make an *initial minimum investment* of \$60,000 for the upcoming 2024-25 academic year to support the development phase of the proposed **TUEE Collaboratory model**. During the development phase it is essential to establish all elements necessary for fully implementing the comprehensive pilot **in AY 2025-26**. A Lead University(s) for each of the Southern and Northern California regional TUEE Collaboratories will be determined by early June. Each regional TUEE Collaboratory model fosters a student-centered, professional practice learning environment, **essential for transforming undergraduate education in engineering/computer science (TUEE)**.

SCPs are encouraged to invest \$100,000 or more. However, the required initial \$60,000 minimum investment includes:

- **Third year sponsored design projects** program– \$7,000 per project – this program would be introduced and conducted throughout the spring semester 2025. The deadlines for committing to sponsor a project(s) and the deadline for submitting a description of problems that student teams would be asked to solve would be posted in an upcoming monthly update of SCP Investment Guidelines. Additional projects may be sponsored at \$7,000 each.
- **Transfer Scholars Program (TSP)** – \$8,000 would be allocated for the first year of a scholarship to cover the tuition and fees. The scholarship would be for two years for each enrolled transfer scholar. Additional first year scholarships would be \$8,000 each. Also, the SCP would provide a paid summer internship for the summer immediately prior to enrollment in the fall semester. All Transfer Scholars Finalists would be eligible to request an interview with their chosen SCPs for a summer internship, in addition to the announced Transfer Scholars. Also, The University would assign a SPPS student peer mentor and a SCP alum practicing professional mentor to the new TSP member (the Scholar) throughout the fall semester 2025.
- **Intrapreneurship Program (IP)** – \$7,000 would be allocated as a co-founder of this new breakthrough program. Additional funding would be at the discretion of the sponsor.
- **Day on Campus with Strategic Corporate Partners (DCSCP)** – \$7,000 would be allocated as a co-sponsor of the celebratory event. Additional levels of sponsorship would be determined by the PPEC prior to the November 2024 event.
- **SCPPL Action Councils – (FPFC, SPPC, SDSC, PPEC)**- \$12,000 with \$3,000 being allocated to each action council. At the discretion of each SCP, additional funding may be designated to specific councils and specific student organizations. Initial student organizations are expected to be ACM, ASME, BMES and IEEE, and the national diversity organizations AISES, NSBE, SHPE and SWE with additions noted in the monthly updated SCP Investment Guidelines.
- **Student-Centered Professional Practice Learning Initiative (SCPPL)** – \$12,000 would be allocated for general support of the new initiative as a recognized founding Strategic

Corporate Partner (SCP). Additional funding would be at the discretion of each SCP at any time throughout the Development Phase through June 2025.

- **Innovations in career development and employment** in collaboration with The University Career Center - \$4,000 with additional funding at the discretion of the sponsor.
- **Alumni Chapters** – The University would establish an alumni chapter with each SCP AY 2024-25.
- **Strategic Corporate Partner (SCP) available balance** - \$5,000. Each founding SCP's available balance could be used to prioritize and increase support of the initiative and any chosen programs above. Virtually all SPPS students are members of one or more of the eight national professional or diversity organizations - ACM, ASME, BMES, IEEE, AISES, NSBE, SHPE and SWE. Therefore, any or all the organizations could be supported. Each SCP's available balance would be adjusted as new funding and allocations take place.

Suggested additional innovative programs and events likely be added (plus those created during the Development Phase) that would require development seed funding:

- **Stipends for the various student team leads** – i.e. Team leads for communication exchanges to and from each action council, each SCP, and the team leads for the Student Communications Team (SCT) – the SCT (managed by student teams with the coaching and mentoring by faculty, staff and SCP practicing professional and recent retiree alums) would develop, maintain, and continually improve all internal and external communications, including social media,
- **Creating and developing various types of innovative micro internships and internships** throughout the Development Phase AY 2024-25.

Additional suggestions are welcome for innovative programs and events that could be created and developed during AY 2024-25 in preparation for implementing the comprehensive pilot (AY 2025-26) then scale AY 2026-27 and beyond.

Funding should not be received from the SCPs prior to the end of the Start-Up Phase when the decision would be made to proceed with the project through June 2026.

The Strategic Corporate Partner (SCP) Investment Guidelines would be updated monthly, on or about the 15th of each month.

Please submit suggestions and comments regarding the proposed Strategic Corporate Partner (SCP) Investment Guidelines to:

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