



Self-Assessment of 2023-24 Plan

	Comments & Score out of 5
<p><u>Student success and teaching excellence</u> Submit ABET reports in June, go through the review in early Fall. <i>Attract additional students:</i></p> <ul style="list-style-type: none"> • BA in Biomed (submit the request), BA in CS & MS in AI (start the conversation) • BS in Advanced Manufacturing and industrial Engineering (start the process) • International partnerships: Oman (oversight @4% tuition), SMU (MS), Shorelight (ME) <p><i>Retain current students:</i></p> <ul style="list-style-type: none"> • BA in CEC (start the process) <p><u>Excellence in research and scholarship</u> <i>New revenue in support of research:</i></p> <ul style="list-style-type: none"> • Implement graduate fee of \$2,250/sem for thesis-based or dissertation-based degrees • Roll out Industry consortia and short courses <p><u>Sustainability of CEC mission</u> <i>Hiring opportunism:</i></p> <ul style="list-style-type: none"> • Continue to compete for B2F (received 3 of 12 this year) • Compete aggressively for any eventual resources from USC hiring initiatives • Compete for the majority of the SRNL positions from Governor’s \$100M match • Continue to push for large DoD and NIH programs where startups can be built in • Increase the number of jointly appointed research-active SRNL staff • Require AY buyout to cover or subsidize the \$45K/head before a postdoc can be hired <p><i>Gifts and philanthropy:</i></p> <ul style="list-style-type: none"> • Close three major gifts: college naming (\$25M+), DEI (\$3M), First Gen (\$2M) • In computing, IT, and other high-demand fields, start sustaining partners programs • Annual alumni and donor gala 	<p>5. Successful visit in Fall</p> <p>5 for BME BA, 0 for CS/AI</p> <p>5+ (degree AND hires!)</p> <p>4. for NUST (invoking challenges). 0 for Shorelight and SMU (CS issues)</p> <p>1. for BA in CEC. unclear implementation.</p> <p>1. not embraced by researchers. Will seek options. 2. Battery; composites; visual inspection. Partners at the table, delays with Commerce.</p> <p>4. one search to re-do. 5. did well with 8 of 50.</p> <p>4. have ~ 3-4 startups for CEC. Also synergy w SC Nexus 5+. on DoD. 2. on NIH (submitting much more) 2. about 1 per year...</p> <p>2. stopping this and exploring other options</p> <p>5+. Closing the naming gift, closed DEI (\$1.25M). 0. remains a challenge.</p> <p>5. outstanding success out of the gates</p>



2024-2025 Plan

Student success and teaching/program excellence

- Institute greater commonality of the ABET practices, and reports

Recruit and attract students:

- BA in CS, & Masters in AI (Draft the curricula, study the competition)
- BS in industrial Engineering (Market to Fall-25 applicants w a goal of 50+ freshmen)
- w/ DMSB: 1-yr MBA/MSBA w GPA >3.2. Sales courses. MS Entrepreneurship (CEC+DMSB)
- w/ Law: Identify, establish and promote a similarly attractive 4+1 between CEC and Law
- International partnerships: Develop an annual calendar for collaboration (& payments) with NUST Engineering, and SMU (ME grow to 4-5/year).

Retain current students:

- For each CEC major reduce complexity by dropping at least three prerequisites.

Mental health:

- Embed a counselor and some case managers in student services

Excellence in research and scholarship

- Roll out Industry consortia in composites, and in batteries; with Fraunhofer \$ matches
- Increase the submissions to NIH. FY24 YTD \$29M (14 proposals) submitted, \$1.4M here.
- Continue the 4 large DoD proposals, and build on them
- Submit multiple CAREER proposals

Sustainability of CEC mission

Hiring:

- Fill the B2F, presidential, SRNL-assisted, and CEC (aero, nuclear and chemical) positions
- Compete aggressively for more presidential positions, focus on SC Nexus/SMR

Finance and Operations:

- Re-do the organizational chart for CEC.
 - An Asst Dean for Fiscal Planning and Administration for CEC; eliminate some legacy AD titles; concierge USC HR; concierge USC Comms & marketing
- Develop with the Faculty Budget Committee a strategic internal budget model incentivizing growth, retention, productivity, and efficiency.
 - Implement at least 3 elements of it
 - Develop a table for approximate 3 of hours per activity per week (e.g. 10 per course) for typical faculty activities, so everyone can contribute fully to their dept.

Gifts and philanthropy:

- Implement the elements of the naming gift agreement, including the initiation of the Center for Industry Solutions (collaborate with VP for Economic Development)
- Identify and engage two more \$1M+ prospects.
- Cultivate new relationships and opportunities (philanthropy, research, government, public/private partnership) to get a new building for CEC.